Canon

DIGITAL IXUS 200 IS

Camera User Guide

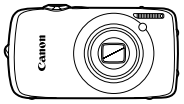
- Make sure you read this guide before using the camera.
- Store this guide safely so that you can use it in the future.

ENGLISH

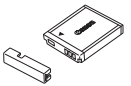
Downloaded From camera-usermanual.com Canon Manuals

Checking the Package Contents

Check if the following items are included in your camera package. If anything is missing, contact the retailer from which you purchased the camera.

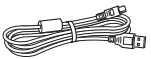


Camera

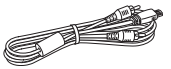


Battery Pack NB-6L (with Terminal Cover)

Battery Charger CB-2LY/CB-2LYE



Interface Cable IFC-400PCU



AV Cable AVC-DC400

Wrist Strap WS-DC10

Getting Started

DIGITAL CAMERA Solution Disk

Warranty System Booklet

Using the Manuals

Also refer to the manuals on the DIGITAL CAMERA Manuals Disk.

- **Camera User Guide (This Guide)**
  Once you have mastered the basics, use the camera's many features to shoot more challenging photos.
- **Personal Printing Guide**
  Read when you want to connect the camera to a printer (sold separately) and print.
- **Software Guide**
  Read when you want to use the included software.

- A memory card is not included.
- Adobe Reader is required to view the PDF manuals. Microsoft Word/ Word Viewer can be installed to view the Word manuals (required only for manuals for the Middle East).

Downloaded From camera-usermanual.com Canon Manuals

Test Shots

Take some initial test shots and play them back to make sure the images were recorded correctly. Please note that Canon Inc., its subsidiaries and affiliates, and its distributors are not liable for any consequential damages arising from any malfunction of a camera or accessory, including memory cards, that results in the failure of an image to be recorded or to be recorded in a way that is machine readable.

Warning Against Copyright Infringement

The images recorded with this camera are intended for personal use. Do not record images that infringe upon copyright laws without the prior permission of the copyright holder. Please be advised that in certain cases the copying of images from performances, exhibitions, or commercial properties by means of a camera or other device may contravene copyright or other legal rights even if the image was shot for personal use.

Warranty Limitations

For information on your camera's warranty, please refer to the Canon Warranty System Booklet supplied with your camera.
For Canon Customer Support contacts, please see the Warranty System Booklet.

LCD Monitor

The LCD monitor is produced with extremely high-precision manufacturing techniques. More than 99.99% of the pixels operate to specification, but occasionally non-performing pixels may appear as bright or dark dots. This is not a malfunction and has no effect on the recorded image.

Camera Body Temperature

Please take care when operating the camera for an extended period as the camera body may become warm. This is not a malfunction.

Memory Cards

The various types of memory cards that can be used in this camera are collectively referred to as memory cards in this guide.

Downloaded From camera-usermanual.com Canon Manuals

What Do You Want to Do?

Shoot

- Shoot, leaving it to the camera to make settings 24
- Shoot to match special conditions. . . . . 56 – 58

Take good people shots

Portraits (p. 56)

At night (p. 57)

Kids and pets (p. 57)

At the beach (p. 57)

Against snow (p. 58)

Take good landscapes

Sunsets (p. 57)

Foliage (p. 58)

Shoot various other scenes

Indoors (p. 57)

Fireworks (p. 57)

Aquarium (p. 58)

Low light (p. 58)

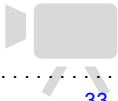
- Focus on faces 24, 64, 82, 86
- Shoot in places where I cannot use the flash (turn off the flash) 59
- Take pictures with me in them too (self-timer) 63, 64, 78, 79
- Insert the date and time into my shots 62
- Take close-up pictures of subjects (macro shooting) 70
- Take close-up pictures of subjects using the zoom (digital macro shooting). 71
- Take sepia toned or black and white pictures. 77
- Add special effects when shooting (Creative Light Effect) 65
- Change the size of picture I want to take (recording pixels) 72
- Take pictures continuously 76
- Shoot without the effects of camera shake (image stabilization) . . 145
- Shoot without the effects of camera shake even in low light conditions (High ISO Auto) 58, 74
- Maintain the focus on moving subjects (Servo AF). 85
- Make dark subjects appear brighter (i-Contrast). 90

Downloaded From camera-usermanual.com Canon Manuals

View

- Look at my pictures 27
- Automatically play back pictures (slideshow) 109
- Look at my pictures on a TV 115
- Quickly search pictures 106, 108
- Erase pictures 28, 119
- Protect pictures from accidental erasure 117

Shoot/View Movies



- Shoot movies 31
- View movies 33, 102

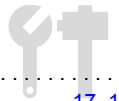
Print

- Easily print pictures 29

Save

- Save images to a computer 34

Other



- Turn off sounds 49
- Use the camera abroad 17, 141

Downloaded From camera-usermanual.com Canon Manuals

Table of Contents

Chapters 1 – 3 explain the basic operations and frequently used functions of this camera. Chapters 4 onward explain the advanced functions, letting you learn more as you read each chapter.

Checking the Package Contents 2
Read This First 3
What Do You Want to Do? 4
Conventions Used in this Guide 8
Safety Precautions.....9

1 Getting Started 13

Using the Touch Panel 14
Charging the Battery.....16
Inserting the Battery and Memory Card 18
Setting the Date and Time 20
Setting the Display Language.....21
Formatting Memory Cards 22
Pressing the Shutter Button.....23
Taking Pictures.....24
Viewing Images 27
Erasing Images.....28
Printing Images.....29
Shooting Movies 31
Viewing Movies.....33
Transferring Images to a Computer.34
Accessories 38
Separately Sold Accessories 40

2 Learning More.....41

Components Guide.....42
Information Displayed on the Screen.....44
Indicator.....46
FUNC. Menu – Basic Operations 47
MENU – Basic Operations.....48
Changing the Sound Settings 49
Changing the Screen Brightness.....50
Returning the Camera to Default Settings 51
Low Level Memory Card Formatting 52
Power Saving Function (Auto Power Down) 53
Clock Functions..... 54

3 Shooting in Special Conditions and Commonly Used Functions..... 55

Shooting in Various Conditions 56
Turning the Flash Off 59
Zooming in More Closely on Subjects (Digital Zoom)..... 60
Inserting the Date and Time..... 62
Using the Self-Timer 63
Using the Face Self-Timer 64
Special Effects for Night Backgrounds (Creative Light Effect)..... 65

4 Choosing Settings Yourself 67

Shooting in Program AE..... 68
Adjusting the Brightness (Exposure Compensation)..... 69
Turning the Flash On 69
Shooting Close-ups (Macro) 70
Shooting Far Away Subjects (Infinity)..... 71
Zooming In on Close Subjects (Digital Macro)..... 71
Changing the Recording Pixels..... 72
Changing the Compression Ratio (Image Quality)..... 72

Downloaded From camera-usermanual.com Canon Manuals

Changing the ISO Speed 74
Adjusting the White Balance 75
Continuous Shooting 76
Changing the Tone of an Image (My Colors) 77
Shooting Using the Two Second Self-Timer 78
Customizing the Self-Timer 79
Shooting Using a TV Monitor 79
Changing the Composition with the Focus Lock 80
Holding the Camera and Shooting Vertically (Vertical Shutter) 80

5 Getting More Out of Your Camera 81

Changing the AF Frame Mode 82
Magnifying the Focal Point 83
Shooting with the AF Lock 84
Shooting with Servo AF 85
Choosing the Subject to Focus On (Touch AF) 86
Changing the Metering Mode 87
Shooting with the AE Lock 88
Shooting with the FE Lock 88
Shooting with Slow Synchro 89
Correcting the Brightness and Shooting (i-Contrast) 90
Red-Eye Correction 91
Checking for Shut Eyes 91
Shooting Long Exposures 92
Changing the Color and Shooting ... 93
Shooting Stitch Assist Images 96

6 Using Various Functions for Shooting Movies 97

Changing the Movie Mode 98
Changing the Image Quality 99
AE Lock/Exposure Shift 100
Other Shooting Functions 101
Playback Functions 102
Editing 103

7 Using Playback and Other Functions 105

Quickly Searching Images 106
Viewing Images in Filtered Playback 108
Viewing Slideshows 109
Checking the Focus 111
Magnifying Images 112
Changing Image Transitions 113
Easy Operations with Touch Actions 113
Viewing Images on a TV 115
Viewing Images on a High-Definition TV 116
Protecting Images 117
Erasing All Images 119
Organizing Images by Category (My Category) 122
Tagging Images as Favorites 124
Rotating Images 125
Resizing Images 126
Trimming 127
Adding Effects with the My Colors Function 129
Correcting the Brightness (i-Contrast) 130
Correcting the Red-Eye Effect 131
Printing from the Print List (DPOF) 132
Choosing Images for Printing (DPOF) 134

Downloaded From camera-usermanual.com Canon Manuals

8 Customizing the Camera ..137

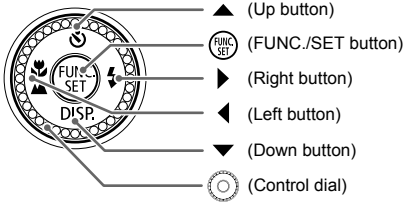
Changing Functions.....138
Changing Shooting Functions.....143
Changing Playback Functions 146
Changing the Start-up Image or Sound 147

9 Useful Information..... 149

Using Household Power..... 150
Troubleshooting 151
List of Messages that Appear on the Screen 154
Functions Available in Each Shooting Mode 156
Menus 158
Handling Precautions..... 162
Specifications 163
Index 166

Conventions Used in this Guide

- Icons are used in the text to represent the camera buttons and switches.
- Language that displays on the screen appears inside [ ] (square brackets).
- The directional buttons, control dial, and FUNC./SET button are represented by the following icons.



- : Troubleshooting tips.
- : Hints for getting more out of your camera.
- : Things you should be careful about.
- : Supplemental information.
- (p. xx): Reference pages. “xx” stands for page number.
- This guide assumes all functions are at their default settings.

Downloaded From camera-usermanual.com Canon Manuals

Safety Precautions

- Before using the camera, please ensure that you read the safety precautions described below. Always ensure that the camera is operated correctly.
- The safety precautions noted on the following pages are intended to prevent injuries to yourself and other persons, or damage to the equipment.
- Be sure to also check the guides included with any separately sold accessories you use.

⚠ Warning Denotes the possibility of serious injury or death.

⚠ Caution Denotes the possibility of injury.

Caution Denotes the possibility of damage to the equipment.

⚠ Warning

Camera

- **Do not trigger the flash in close proximity to human eyes.**
  Exposure to the intense light produced by the flash could damage eyesight. In particular, remain at least one meter (39 inches) away from infants when using the flash.
- **Store this equipment out of the reach of children and infants.**
  Strap: Putting the strap around a child's neck could result in asphyxiation.
  Memory card: Dangerous if accidentally swallowed. If this occurs, contact a doctor immediately.
- **Do not attempt to disassemble or alter any part of the equipment that is not expressly described in this guide.**
- **To avoid the risk of injury, do not touch the interior of the camera if it has been dropped or otherwise damaged.**
- **Stop operating the camera immediately if it emits smoke, a strange smell, or otherwise behaves abnormally.**
- **Do not use organic solvents such as alcohol, benzine, or thinner to clean the equipment.**
- **Do not allow liquids or foreign objects to enter the camera.**
  This could result in fire or electrical shock.
  If liquid or foreign objects come into contact with the camera interior, immediately turn the camera power off and remove the battery.
- **Use only recommended power sources.**
  Using other power sources could result in fire or electrical shock.

Battery, Battery Charger

- **Use only recommended batteries.**
- **Do not place the battery near or in direct flame.**
- **Do not let the battery come into contact with water (e.g. sea water) or other liquids.**
- **Do not attempt to disassemble, alter or apply heat to the battery.**

Downloaded From camera-usermanual.com Canon Manuals

- **Avoid dropping or subjecting the battery to severe impacts.**
  This may cause explosions or leaks, resulting in fire, injury and damage to the surroundings. In the event that a battery leaks and the eyes, mouth, skin or clothing contacts these substances, immediately flush with water and seek medical assistance. If the battery charger becomes wet, unplug it from the outlet and consult your camera distributor or the closest Canon Customer Support Help Desk.
- **Use only the specified battery charger to charge the battery.**
- **Do not cut, damage, alter or place heavy items on the power cord.**
- **Unplug the power cord periodically and wipe away any dust and dirt that has collected on the plug, the exterior of the power outlet, and the surrounding area.**
- **Do not handle the power cord with wet hands.**
  This could result in fire or electrical shock.

Other Warnings

- **Do not play the supplied CD-ROM(s) in any CD player that does not support data CD-ROMs.**
  Playing the CD-ROM(s) in an audio CD player (music player) could damage the speakers. It is also possible to suffer hearing loss from listening with headphones to the loud sounds of a CD-ROM played on a music CD player.

⚠ Caution

- **Be careful not to bang the camera or subject it to strong impacts or shocks when hanging it by the strap.**
- **Be careful not to bump or push strongly on the lens.**
  This could damage the camera or lead to injury.
- **Do not use the equipment in a manner that exceeds the rated capacity of the electrical outlet or wiring accessories. Do not use if the power cord or plug are damaged, or not fully plugged into the outlet.**
  This could result in electrical shock or fire.
- **Avoid using, placing or storing the camera in the following places.**
  - Places subject to strong sunlight.
  - Places subject to temperatures above 40 °C (104 °F).
  - Humid or dusty areas.

  These could cause leakage, overheating or an explosion of the battery, resulting in electrical shock, fire, burns or other injuries. High temperatures may also cause deformation of the casing.
- **Do not allow dirt or metal objects (such as pins or keys) to contact the charger terminals or plug.**
  This could result in fire, electrical shock or other damage.
- **The slideshow transition effects may cause discomfort when viewed for prolonged periods.**

Downloaded From camera-usermanual.com Canon Manuals

- **Do not use the flash with dirt, dust or other items stuck to the surface, or if it is covered by your fingers or clothing.**
  This could result in burns or damage to the flash.

Caution

- **Do not aim the camera at bright light sources (the sun, etc.).**
  Doing so may cause malfunctions or damage the image sensor.
- **When using the camera on a beach or at a windy location, be careful not to allow dust or sand to enter the camera.**
  This may cause the camera to malfunction.
- **In regular use, small amounts of smoke may be emitted from the flash.**
  This is due to the high intensity of the flash burning dust and foreign materials stuck to the front of the unit. Please use a cotton swab to remove dirt, dust or other foreign matter from the flash to prevent heat build-up and damage to the unit.
- **Unplug the battery charger from the power outlet after recharging is complete, or when you are not using it.**
- **Do not place anything, such as cloth on top of the battery charger while it is charging.**
  Leaving the unit plugged in for a long period of time may cause it to overheat and distort, resulting in fire.
- **Remove and store the battery when you are not using the camera.**
  If the battery is left inside the camera, damage caused by leakage may occur.
- **Before you discard batteries, cover the terminals with tape or other insulators.**
  Contacting other metal materials in waste containers may lead to fire or explosions.
- **Do not place the battery near pets.**
  Pets biting the battery could cause leakage, overheating or explosion, resulting in fire or injuries.
- **Do not sit in a chair with the camera in your pocket.**
  Doing so may cause malfunctions or damage the LCD monitor.
- **When putting the camera in your bag, ensure that hard objects do not come into contact with the LCD monitor.**
- **Do not attach accessories to the strap.**
  Doing so may cause malfunctions or damage the LCD monitor.

Downloaded From camera-usermanual.com Canon Manuals

Downloaded From camera-usermanual.com Canon Manuals

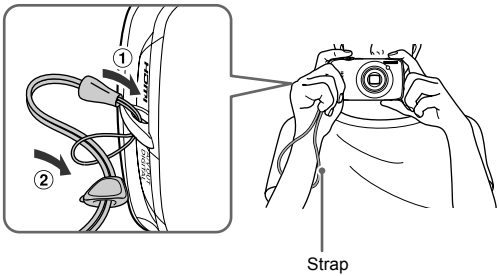
1

Getting Started

This chapter explains preparations before shooting, how to shoot in AUTO mode, and then how to view, erase and print the images you take. The latter part of this chapter explains how to shoot and view movies and transfer images to a computer.

Attaching the Strap/Holding the Camera

- Attach the included strap and place it around your wrist to avoid dropping the camera during use.
- Keep your arms tight against your body while holding the camera firmly by the sides. Be sure that your fingers do not block the flash or touch the screen.



Downloaded From camera-usermanual.com Canon Manuals

Using the Touch Panel

This camera has a touch panel screen that allows you to perform operations with the touch of your finger.

Basic Touch Operations

Touch

Briefly touch the screen with your finger.

Used for choosing icons or magnifying images.

Double Tap

Quickly tap the screen twice.

Used in Playback mode to switch to Index Display.

Drag

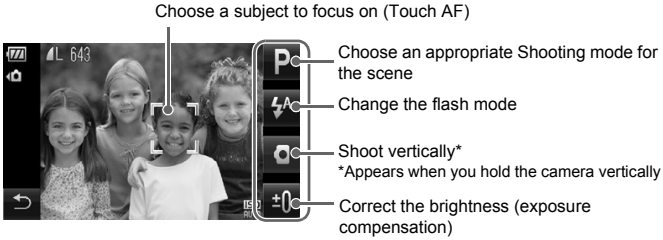
Touch and drag your finger across the screen.

Used for playback operations such as switching to the next image, or moving the displayed location of magnified images.

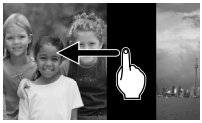
Downloaded From camera-usermanual.com Canon Manuals

Available Touch Operations

Shooting Mode


Choose a subject to focus on (Touch AF)
Choose an appropriate Shooting mode for the scene
Change the flash mode
Shoot vertically*
*Appears when you hold the camera vertically
Correct the brightness (exposure compensation)

Playback Mode

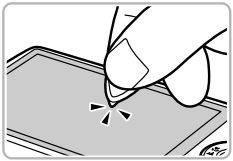

Switching the Display

Magnified Display/ Index Display

Registering Commonly Used Functions (Touch Actions)

Do not install commercially available screen protectors. Since the camera uses a pressure sensitive touch panel, the camera may not recognize touch operations if you install a screen protector.

What if I cannot perform operations well?

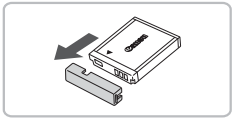


When touching with your finger does not work well, you can use the toggle attached to the strap to perform operations. Only use the attached toggle to perform operations. Do not use other objects, such as pens or pencils.
You can calibrate the touch panel if you are having difficulty choosing items or buttons (p. 142).

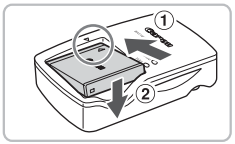
Downloaded From camera-usermanual.com Canon Manuals

Charging the Battery

Use the included charger to charge the battery. Be sure to charge the battery as it is not charged at the time of purchase.

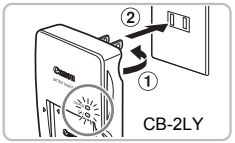


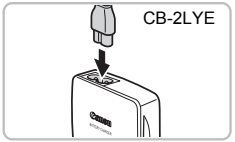
1 Remove the cover.



2 Insert the battery.

- Align the ▲ marks on the battery and charger, then insert the battery by sliding it in ① and down ② .



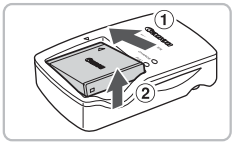


3 Charge the battery.

- **For CB-2LY:** Flip out the plug ① and plug the charger into a power outlet ② .
- **For CB-2LYE:** Plug the power cord into the charger, then plug the other end into a power outlet.

▶ The charge lamp lights red and charging starts.

- The charge lamp will light green when charging has finished. Charging takes approx. 1 hour and 55 minutes.



4 Remove the battery.

- Unplug the battery charger from the power outlet, then remove the battery by sliding it in ① and up ② .

To protect the battery and prolong its life, do not charge it for longer than 24 hours continuously.

Downloaded From camera-usermanual.com Canon Manuals

Approximate Number of Shots That Can Be Taken

Number of shots	240
Playback Time (Hours)	6

- The number of shots that can be taken is based on the Camera & Imaging Products Association (CIPA) measurement standard.
- Under some shooting conditions, the number of shots that can be taken may be less than mentioned above.

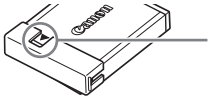
Battery Charge Indicator

An icon or message will appear on the screen indicating the battery's charge state.

Display	Summary
	Good.
	Slightly depleted, but sufficient.
(Blinking red)	Nearly depleted.
"Change the battery pack."	Depleted. Recharge the battery.

Using the battery and charger effectively

- **Charge the battery on the day, or the day before, it will be used.**
  Charged batteries continue to discharge naturally even if they are not used.



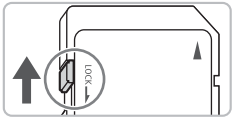
Attach the cover to a charged battery so that the ▲ mark is visible.

- **How to store the battery for long periods.**
  Deplete and remove the battery from the camera. Attach the terminal cover and store the battery. Storing a battery for long periods of time (about a year) without depleting it may shorten its life span or affect its performance.
- **The battery charger can also be used when abroad.**
  The charger can be used in regions that have 100 – 240 V (50/60 Hz) AC power. If the plug does not fit the outlet, use a commercially available plug adapter. Do not use electrical transformers for foreign travel as they will cause damage.
- **The battery may develop a bulge.**
  This is a normal characteristic of the battery and does not indicate a problem. However, if the battery bulges to the point where it will no longer fit into the camera, please contact a Canon Customer Support Help Desk.
- **If the battery is quickly depleted even after charging, it has reached the end of its life span.**
  Purchase a new battery.

Downloaded From camera-usermanual.com Canon Manuals

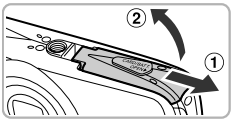
Inserting the Battery and Memory Card

Insert the included battery and a memory card into the camera.



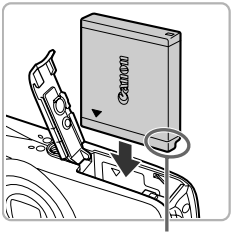
1 Check the card's write-protect tab.

- If the memory card has a write-protect tab, you will not be able to record images if the tab is in the locked position. Slide the tab up until you hear a click.



2 Open the cover.

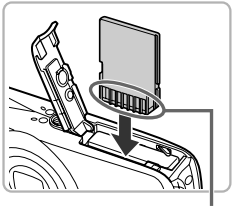
- Slide the cover ①, and open it ②.



Terminals

3 Insert the battery.

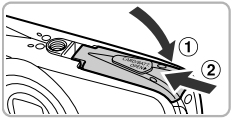
- Insert the battery as shown until it locks into place with a click.
- Be sure to insert the battery in the correct direction or it will not properly lock into place.



Terminals

4 Insert the memory card.

- Insert the memory card as shown until it locks into place with a click.
- Be sure the memory card is oriented correctly. Inserting the memory card in the wrong direction could damage the camera.

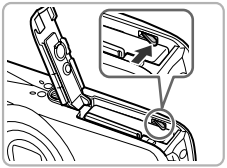


5 Close the cover.

- Close the cover ①, and slide it ② until it locks into place with a click.

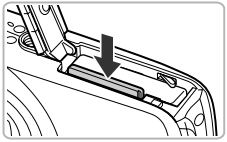
Downloaded From camera-usermanual.com Canon Manuals

Removing the Battery and Memory Card



1 Remove the battery.

- Open the cover and press the battery lock in the direction of the arrow.
- ▶ The battery will pop up.



2 Remove the memory card.

- Push the memory card in until you hear a click, then slowly release it.
- ▶ The memory card will pop up.

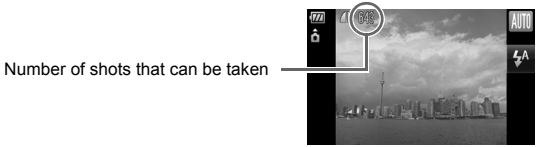
Approximate Number of Shots per Memory Card

Memory Card	2 GB	8 GB
Number of shots	626	2505

- Values are based on the default settings.
- The number of shots that can be taken will vary depending on camera settings, the subject and the memory card used.

Can you check the number of shots that can be taken?

You can check the number of shots that can be taken when the camera is in a Shooting mode (p. 24).



Compatible Memory Cards

- SD memory cards
- SDHC memory cards
- MultiMediaCards
- MMCplus memory cards
- HC MMCplus memory cards

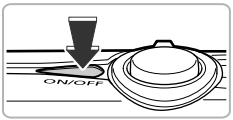
Downloaded From camera-usermanual.com Canon Manuals

What is the write-protect tab?

SD and SDHC memory cards have a write-protect tab. If this tab is in the locked position, [Card locked!] will appear on the screen and you will not be able to take or erase images.

Setting the Date and Time

The Date/Time settings screen will appear the first time the camera is turned on. Since the dates and times recorded into your images are based on these settings, be sure to set them.



1 Turn on the camera.

- Press the ON/OFF button.
- ▶ The Date/Time screen will appear.

2 Set the date and time.

- Press the ◀▶ buttons to choose an option.
- Press the ▲▼ buttons or turn the dial to set a value.
- If you choose ☀ and press the ▲▼ buttons or turn the dial and choose ☀, you will set the time to daylight saving (1 hour ahead).

3 Make the setting.

- Press the FUNC SET button.
- ▶ Once the date and time have been set, the Date/Time screen will close.
- Press the ON/OFF button to turn off the camera.

Reappearing Date/Time screen

If the date/time battery is depleted, or you have not set the date and time, the Date/Time screen will appear each time you turn on the camera. Set the correct date and time.

Downloaded From camera-usermanual.com Canon Manuals

Date/Time battery

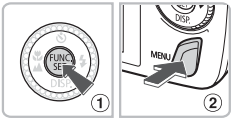
- The camera has a built-in date/time battery (backup battery) that allows the date/time settings to be retained for about three weeks after the battery pack has been removed.
- By inserting a charged battery or connecting an AC adapter kit (sold separately, p. 40) the date/time battery can be charged in about 4 hours even if the camera is not turned on.

Setting the Display Language

You can change the display language in the LCD monitor menus and messages.

1 Enter Playback mode.

- Press the ▶ button.



2 Display the settings screen.

- Press and hold the FUNC SET button ①, then immediately press the MENU button ②.

3 Set the display language.

- Press the ▲▼◀▶ buttons or turn the dial to choose a language, then press the FUNC SET button.
- ▶ Once the display language has been set, the settings screen will close.

What if the clock appears when the FUNC SET button is pressed?

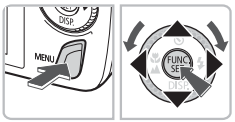
The clock will appear if too much time passes between pressing the FUNC SET button and the MENU button in Step 2. If the clock appears, press the FUNC SET button to remove the clock and repeat Step 2.

You can also change the display language by pressing the MENU button, choosing the tab, and choosing the [Language] menu item.

Downloaded From camera-usermanual.com Canon Manuals

Formatting Memory Cards

Before you use a new memory card or one that has been used in other devices, you should format the card with this camera. Formatting (initializing) a memory card erases all data on the memory card. As you cannot retrieve the erased data, exercise adequate caution before formatting the memory card.

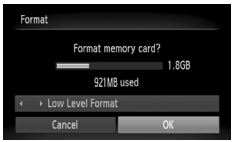


1 Display the menu.

- Press the MENU button.

2 Choose [Format].

- Press the ◀▶ buttons to choose the tab.
- Press the ▲▼ buttons or turn the dial to choose [Format], then press the (FUNC SET) button.



3 Format the memory card.

- Press the ◀▶ buttons or turn the dial to choose [OK], then press the (FUNC SET) button.
- ▶ The memory card will be formatted.
- ▶ When formatting has finished, the menu screen will reappear.

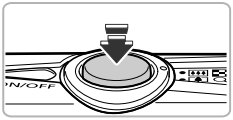
Formatting or erasing data on a memory card merely changes the file management information on the card and does not ensure its contents are completely erased. Be careful when transferring or disposing of a memory card. When disposing of a memory card, take precautions such as physically destroying the card to prevent personal information leaks.

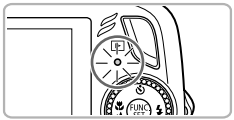
The total capacity of the memory card displayed in the formatting screen may be less than indicated on the memory card.

Downloaded From camera-usermanual.com Canon Manuals

Pressing the Shutter Button

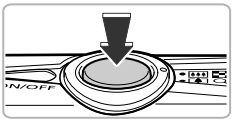
The shutter button has two stops. To take images that are in focus, be sure to first press the shutter button lightly (halfway) to focus, then take the shot.





1 Press halfway (lightly to the first stop).

- ▶ The camera automatically focuses and selects the necessary settings for shooting, such as the brightness.
- ▶ When the camera focuses, it will beep twice and the indicator will light green.



2 Press fully (to the second stop).

- ▶ The camera plays the shutter sound and takes the shot.
- ● Since the shot is being taken while the shutter sound plays, be careful not to move the camera.

Does the length of the shutter sound change?

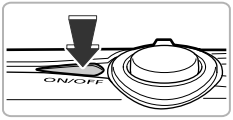
- Since the time required to shoot differs according to the scene you want to take, the length of the shutter sound may change.
- If the camera or subject moves while the shutter sound is playing, the recorded image may be blurry.

If you just press the shutter button fully without pausing halfway, the image may not be in focus.

Downloaded From camera-usermanual.com Canon Manuals

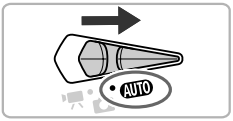
Taking Pictures

Since the camera can determine the subject and shooting conditions, you can let it automatically select the best settings for the scene and just shoot. The camera can also detect and focus on faces, setting the color and brightness to optimal levels.



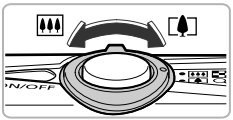
1 Turn on the camera.

- Press the ON/OFF button.
- The start-up sound will play, and the start-up screen will appear.



2 Choose AUTO mode.

- Set the mode switch to AUTO.
- When you point the camera toward the subject, the camera will make a slight noise as it determines the scene.
- The camera focuses on the subject it judges to be the main subject, and the icon for the determined scene appears in the upper right of the screen.
- When faces are detected, a white frame appears on the face of the main subject, while gray frames appear on other detected faces.
- A white frame will follow a detected face that is moving and the gray frames will disappear.



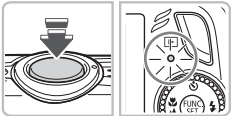
3 Compose the shot.

- Moving the zoom lever toward [T] will zoom in on your subject, making it appear larger. Moving the lever toward [W] will zoom out from your subject, making it appear smaller.

Downloaded From camera-usermanual.com Canon Manuals

4 Choose a subject to focus on.

- Touch the screen to choose the person or location to focus on (Touch AF).
- ▶ The camera will beep and ⌜ ⌝ ⌞ ⌟ will appear on the screen.

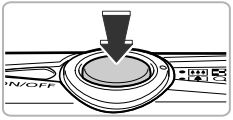


5 Focus.

- Press the shutter button halfway to focus.
- ▶ When the camera focuses, it will beep twice and the indicator will light green (orange when the flash will fire).

AF Frame

- ▶ Green AF frames appear where the subject is in focus.
- ▶ When a moving face or moving subject chosen with Touch AF are detected, and you keep the shutter button pressed halfway, a blue AF frame appears and the focus and exposure are continuously adjusted (Servo AF).



6 Shoot.

- Press the shutter button fully.
- ▶ The camera will play the shutter sound and shoot. The flash will automatically fire in low light conditions.
- ▶ The indicator will blink green while the image is recorded to the memory card.
- ▶ The image will appear on the screen for about two seconds.

What if...

- **a flashing appears?**
  Attach the camera to a tripod so that the camera does not move and blur the image.

Downloaded From camera-usermanual.com Canon Manuals

- **the camera does not play any sounds?**
  Pressing the MENU button while turning on the camera power will turn off all sounds except for warning sounds. To turn the sounds on, press the MENU button, choose the tab, and then choose [Mute]. Use the buttons to choose [Off].
- **the image comes out dark even if the flash fired when shooting?**
  The subject is too far away for the flash to reach. Shoot within the effective flash range of approximately 50 cm – 3.5 m (1.6 – 11 ft.) at maximum wide angle, and approximately 90 cm – 1.5 m (3.0 – 4.9 ft.) at maximum telephoto.
- **the camera beeps once when the shutter button is pressed halfway?**
  Your subject is too close. When the camera is at maximum wide angle, move about 5 cm (2.0 in.) or more away from your subject and shoot. Move about 90 cm (3.0 ft.) or more away when the camera is at maximum telephoto.
- **the lamp lights when the shutter button is pressed halfway?**
  To reduce red-eye and to assist in focusing, the lamp may light when shooting in dark areas.
- **the icon blinks when you try to take an image?**
  The flash is charging. You can shoot when recharging ends.

Scene Icons

The camera displays an icon for the scene it has determined and then automatically focuses and selects the optimum settings for subject brightness and color.

Subject \ Background	Bright		Including Blue Skies		Sunsets	Dark	
		Backlit		Backlit			When Using Tripod
People					–		*
When Moving					–	–	–
Subjects Other Than People/Landscapes	AUTO		AUTO			AUTO	*
Close Subjects					–		–
Icon Background Color	Gray		Light Blue		Orange	Dark Blue	

* Appears when the camera is attached to a tripod.

Under certain conditions, the icon that appears may not match the actual scene. Especially when there is an orange or blue colored background (a wall for example), or the “Blue Skies” icons may appear and it may not be possible to shoot with the appropriate color. If this happens, try shooting in P mode (p. 68).

Downloaded From camera-usermanual.com Canon Manuals

Viewing Images

You can view your images on the screen.

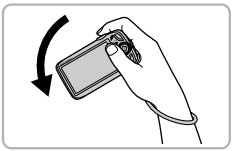
1 Enter Playback mode.

- Press the [▶] button.
- ▶ The last image you took will appear.

2 Choose an image.

- Dragging left to right displays images in the reverse order they were taken.
- Dragging right to left displays images in the order they were taken.
- Pressing the ◀ button displays images in the reverse order they were taken, while pressing the ▶ button displays images in the order they were taken.
- The images change more quickly if you keep the ◀▶ buttons pressed.
- Turning the dial counter-clockwise displays images in reverse order, while turning it clockwise displays images in the order they were taken.
- Pressing the shutter button halfway in Playback mode switches the camera to Shooting mode.
- The lens will retract after approximately 1 minute elapses.

Switching images quickly



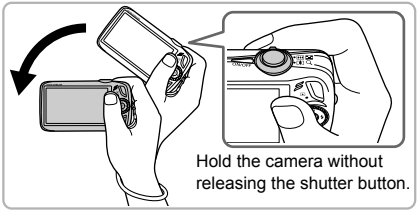
If you hold the ◀ button pressed and tilt the camera as shown in the illustration, the images advance quickly. However, the images appear coarse.
When you hold the ▶ button pressed tilt the camera to the opposite direction.

Downloaded From camera-usermanual.com Canon Manuals

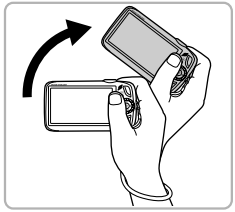
Active Display

If you tilt the camera gently from your wrist as shown in the illustration below, you can switch the images you are viewing. You can also start and stop movies (p. 33).

- Depending on how you tilt the camera, images may not switch.
- Be careful not to accidentally hit people with the camera.
- Be sure to hold the camera with the strap around your wrist to avoid dropping it.



Switch to the next image



Switch to the previous image

Erasing Images

You can choose and erase images one at a time. Please note that erased images cannot be recovered. Exercise adequate caution before erasing an image.

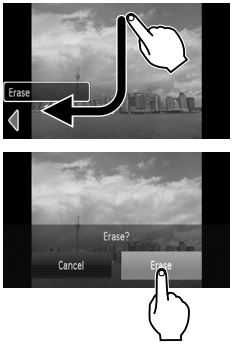
1 Enter Playback mode.

- Press the ▶ button.
- ▶ The last image you took will appear.

2 Choose an image to erase.

- Drag horizontally across the screen to choose an image.
- You can also press the ◀▶ buttons or turn the ◎ dial to choose an image.

Downloaded From camera-usermanual.com Canon Manuals



3 Erase the image.

- Drag as shown.
- ▶ [Erase?] appears.
- Touch [Erase].
- ▶ The displayed image will be erased.
- To exit instead of erasing, touch [Cancel].
- You can also erase images in the following ways.
  Press the (FUNC SET) button, then use the ▲▼ buttons or turn the dial to choose 🗑. Press the (FUNC SET) button and use the ◀▶ buttons or turn the dial to choose [Erase], then press the (FUNC SET) button again.

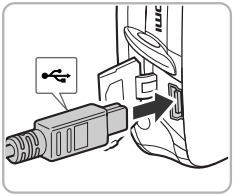
Printing Images

You can easily print the images you have taken if you connect the camera to a PictBridge compliant printer (sold separately).

Items to Prepare

- Camera and PictBridge compliant printer (sold separately)
- Interface cable supplied with the camera (p. 2)

1 Turn off the camera and printer.

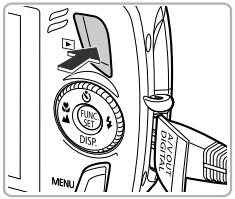


2 Connect the camera to the printer.

- Open the cover, and insert the small end of the plug firmly into the camera terminal in the direction shown.
- Insert the cable's larger plug into the printer. For connection details, refer to the user guide provided with the printer.

3 Turn on the printer.

Downloaded From camera-usermanual.com Canon Manuals



4 Turn on the camera.

- Press the ▶ button to turn on the camera.

5 Choose an image to print.

- Drag horizontally across the screen to choose an image.
- You can also press the ◀▶ buttons or turn the dial to choose an image.

6 Print images.

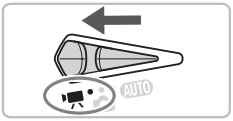
- Press the (FUNC SET) button, then press the ▲▼ buttons to choose 🖨 and press the (FUNC SET) button.
- ▶ The Print Settings screen will appear.
- Press the ▲▼ buttons to choose [Print] and press the (FUNC SET) button.
- ▶ Printing will start.
- If you want to print additional images, repeat Steps 5 and 6 after printing has completed.
- After printing has completed, turn off the camera and printer, and unplug the interface cable.

- Refer to the *Personal Printing Guide* for details on printing.
- Refer to p. 39 for Canon-brand Pictbridge compliant printers. Index printing is not available with the CP710/CP510/CP400/CP330/CP300/CP220/CP200 printers.

Downloaded From camera-usermanual.com Canon Manuals

Shooting Movies

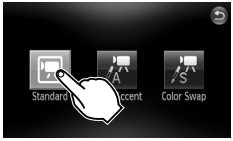
The camera can automatically select all settings so that you can shoot movies just by pressing the shutter button. If you continue shooting for a long time, the camera may become warm. This is not a malfunction.



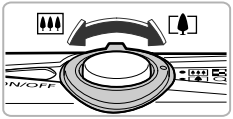
1 Set the mode switch to 🎥.

2 Choose 🎥 (Standard) mode.

- Touch [Menu], then touch [Menu]. Touch the screen again to make the setting.



- You can also choose 🎥 mode in the following ways.
  Press the (FUNC SET) button, then use the ▲▼ buttons or turn the ◎ dial to choose 🎥 and press the (FUNC SET) button again. Use the ▲▼ buttons or turn the ◎ dial to choose 🎥 and press the (FUNC SET) button.



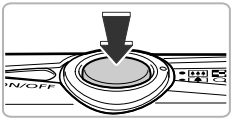
3 Compose the shot.

- Moving the zoom lever toward [🔭] will zoom in on your subject, making it appear larger. Moving the lever toward [🖼] will zoom out from your subject, making it appear smaller.

4 Focus.

- Press the shutter button halfway to focus.
- ▶ When the camera focuses, it will beep twice and the indicator will light green.

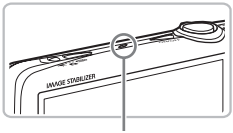
Downloaded From camera-usermanual.com Canon Manuals



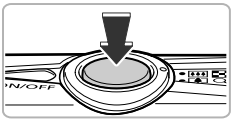
5 Shoot.

- Press the shutter button fully.
- ▶ The camera will start shooting the movie, and [● Rec] and the elapsed time will appear on the screen.
- Once shooting begins, take your finger off the shutter button.
- If you change the composition of your shot during shooting, the focus will stay the same, but the brightness and tone will automatically adjust.
- You can zoom in and out with the zoom lever while shooting.
- Do not touch the microphone while shooting.
- Do not press any buttons other than the shutter button. Otherwise, the sound the buttons make will be recorded in the movie.

Elapsed Time



Microphone



6 Stop shooting.

- Press the shutter button fully again.
- ▶ The camera will beep once and stop shooting the movie.
- ▶ The indicator will blink green, and the movie will record to the memory card.
- ▶ Shooting will automatically stop when the memory card fills.

Estimated Shooting Times

Memory Card	2 GB	8 GB
Shooting Time	10 min. 53 sec.	43 min. 32 sec.

- Shooting times are based on default settings.
- Maximum clip length is approx. 10 minutes.
- Recording may stop even if the maximum clip length has not been reached on some memory cards. SD Speed Class 4 or higher memory cards are recommended.

Downloaded From camera-usermanual.com Canon Manuals

Viewing Movies

You can view your movies on the screen.

1 Enter Playback mode.

- Press the [▶] button.
- ▶ The last image you shot will appear.
- ▶ [movie] and (▶) appear on movies.

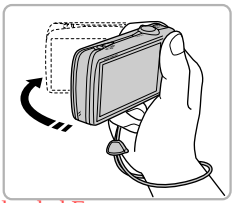
2 Choose a movie.

- Drag horizontally across the screen to choose an image to play back.
- You can also press the ◀▶ buttons or turn the ◎ dial to choose an image.

3 Play the movie.

- Touch the screen.
- ▶ The movie will play.
- Touch the screen again to stop the movie.
- Press the ▲▼ buttons to adjust the volume.
- ▶ After the movie finishes, [movie] and (▶) appear.
- You can also press the ▲ button to display the operations panel, then press the ◀▶ buttons or turn the ◎ dial to choose ▶ (Play) and press the (FUNC SET) button.

Start quick playback (Active Display)



If you shake the camera gently as shown in the illustration, you can begin quick movie playback. If you shake the camera gently again, the movie will stop.

Downloaded From camera-usermanual.com Canon Manuals

When watching a movie on a computer, frames may drop, it may not play smoothly, and the audio may stop suddenly depending on the computer's capabilities. If you use the supplied software to copy the movie back onto the memory card, you can play back the movie smoothly with the camera. For enhanced playback you can also connect the camera to a TV.

Transferring Images to a Computer

You can use the included software to transfer your camera images to a computer. If you are already using ZoomBrowser EX/ImageBrowser, install the software from the included CD-ROM, overwriting your current installation.

Items to Prepare

- Camera and computer
- DIGITAL CAMERA Solution Disk supplied with the camera (p. 2)
- Interface cable supplied with the camera (p. 2)

System Requirements

Windows

OS	Windows Vista (including Service Pack 1, Service Pack 2) Windows XP Service Pack 2, Service Pack 3	
Computer model	The above OS should be pre-installed on computers with built-in USB ports.	
CPU	Viewing images	Pentium 1.3 GHz or higher
	Viewing movies	Core2 Duo 1.66 GHz or higher
RAM	Viewing images	Windows Vista: 1 GB or more Windows XP: 512 MB or more
	Viewing movies	1 GB or more
Interface	USB	
Free Hard Disk Space	ZoomBrowser EX: 200 MB or more* PhotoStitch: 40 MB or more	
Display	1,024 x 768 pixels or higher	

* For Windows XP, Microsoft .NET Framework 3.0 or later (max. 500 MB) must be installed. Installation may take some time depending on your computer's capabilities.

Downloaded From camera-usermanual.com Canon Manuals

Macintosh

OS	Mac OS X (v10.4 – v10.5)	
Computer model	The above OS should be pre-installed on computers with built-in USB ports.	
CPU	Viewing images	PowerPC G4/G5 or Intel Processor
	Viewing movies	Core Duo 1.66 GHz or higher
RAM	Viewing images	512 MB or more
	Viewing movies	1 GB or more
Interface	USB	
Free Hard Disk Space	ImageBrowser: 300 MB or more PhotoStitch: 50 MB or more	
Display	1,024 x 768 pixels or higher	

Preparations

Windows Vista and Mac OS X (v10.5) are used for these explanations.

1 Install the software.

Windows

① Place the DIGITAL CAMERA Solution Disk in the computer's CD-ROM drive.

② Begin installation.

- Click [Easy Installation] and follow the on-screen instructions to proceed with the installation.
- If the [User Account Control] window appears, follow the on-screen instructions to proceed.

③ When the install finishes, click [Restart] or [Finish].

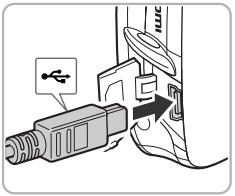
④ Remove the CD-ROM.

- Remove the CD-ROM when your desktop screen appears.

Downloaded From camera-usermanual.com Canon Manuals

Macintosh

- Place the CD-ROM in the computer's CD-ROM drive and double-click the icon.
- Click [Install], and follow the onscreen instructions to proceed with the installation.



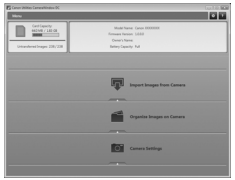
2 Connect the camera to the computer.

- Turn off the camera.
- Follow the steps on p. 29 to connect the camera to a computer.

3 Turn on the camera.

- Press the ▶ button to turn on the camera.

4 Open CameraWindow.



Windows

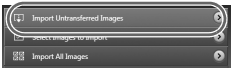
- Choose [Downloads Images From Canon Camera using Canon CameraWindow].
- ▶ CameraWindow will appear.
- If CameraWindow does not appear, click the [Start] menu and choose [All Programs], followed by [Canon Utilities], [CameraWindow], [CameraWindow] and [CameraWindow].

Downloaded From camera-usermanual.com Canon Manuals

Macintosh

- ▶ CameraWindow will appear when you establish a connection between the camera and computer.
- If CameraWindow does not appear, click the CameraWindow icon on the Dock (the bar which appears at the bottom of the desktop).

Transfer Images



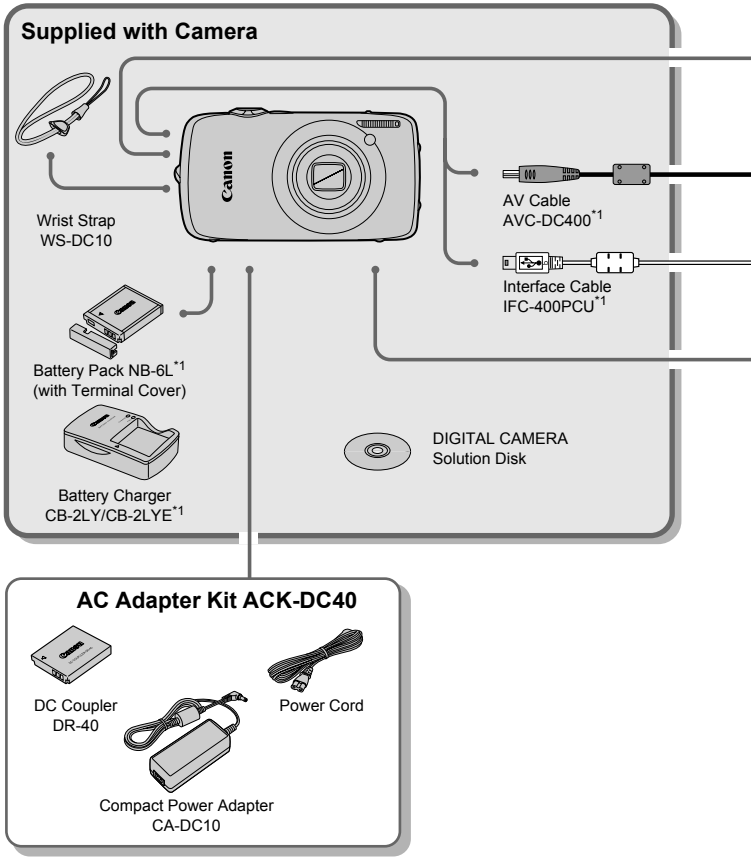
- Click [Import Images from Camera], and then click [Import Untransferred Images].
- ▶ All images not previously transferred will transfer to the computer. Transferred images will be sorted by date and saved in separate folders in the Pictures folder.
- After the transfer finishes, click [x] to close CameraWindow, then turn off the camera and unplug the cable.
- For further operations, refer to the *Software Guide*.

You can transfer images without installing the included software by simply connecting your camera to a computer. There are, however, the following limitations:

- After connecting to the camera, it may take a few minutes until you can transfer images.
- The camera information may not display correctly.
- Movies may not transfer correctly.
- Images shot vertically may be transferred in the horizontal orientation.
- Protection settings for images may be lost when transferred to a computer.
- There may be problems transferring images or image information correctly depending on the version of the operating system in use, the file size, or the software in use.

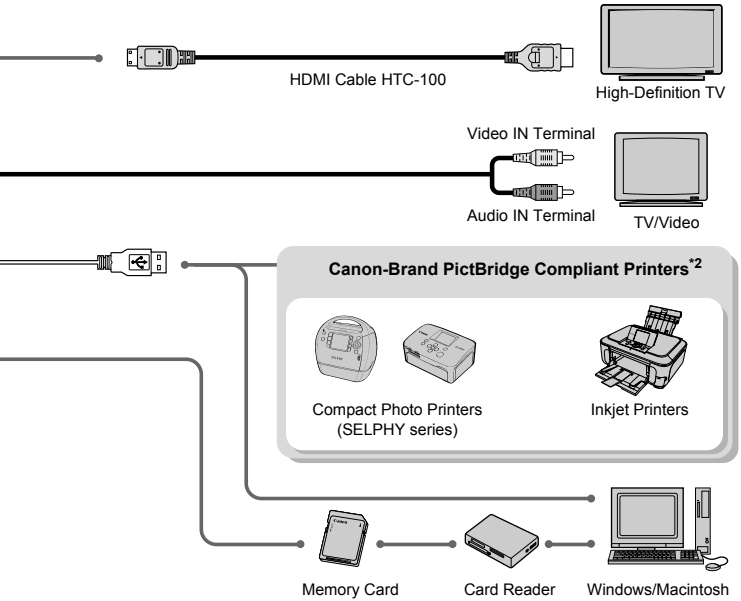
Downloaded From camera-usermanual.com Canon Manuals

Accessories



*1 Also available for purchase separately.
*2 See the user guide supplied with the printer for more information on the printer and interface cables.

Downloaded From camera-usermanual.com Canon Manuals



Use of genuine Canon accessories is recommended.

This product is designed to achieve excellent performance when used with genuine Canon accessories. Canon shall not be liable for any damage to this product and/or accidents such as fire, etc., caused by the malfunction of non-genuine Canon accessories (e.g., a leakage and/or explosion of a battery pack). Please note that this warranty does not apply to repairs arising out of the malfunction of non-genuine Canon accessories, although you may request such repairs on a chargeable basis.

Downloaded From camera-usermanual.com Canon Manuals

Separately Sold Accessories

The following camera accessories are sold separately.
Some accessories are not sold in some regions, or may no longer be available.

Power Supplies

- **AC Adapter Kit ACK-DC40**
  This kit lets you power the camera using household power. Recommended for powering the camera for an extended period of time or when connecting to a computer. Cannot be used to charge the battery inside the camera.
- **Battery Charger CB-2LY/CB-2LYE**
  An adapter for charging Battery Pack NB-6L.
- **Battery Pack NB-6L**
  Rechargeable lithium-ion battery.

Other Accessories

- **HDMI Cable HTC-100**
  Use this cable to connect the camera to the HDMI™ terminal on a high-definition TV set.

Downloaded From camera-usermanual.com Canon Manuals

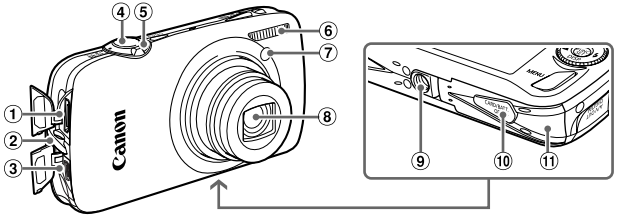
2

Learning More

This chapter explains the parts of the camera and what appears on the screen, as well as the basic operating instructions.

Downloaded From camera-usermanual.com Canon Manuals

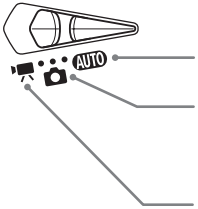
Components Guide



① HDMI Terminal (p. 116)
② Strap Mount (p. 13)
③ A/V OUT (Audio/Video Output) DIGITAL Terminal (pp. 29, 36)
④ Shutter Button (p. 23)
⑤ Zoom Lever
Shooting: (Telephoto) / (Wide Angle) (p. 24)
Playback: (Magnify) (p. 112) / (Index) (p. 106)
⑥ Flash (pp. 59, 69, 89)
⑦ Lamp (Self-Timer Lamp (pp. 63, 64, 78, 79) / AF Assist Beam (p. 143) / Red-Eye Reduction Lamp (p. 143))
⑧ Lens
⑨ Tripod Socket
⑩ DC Coupler Terminal Cover (p. 138)
⑪ Memory Card / Battery Cover (p. 18)

Mode Switch

Use the mode switch to change the Shooting mode.

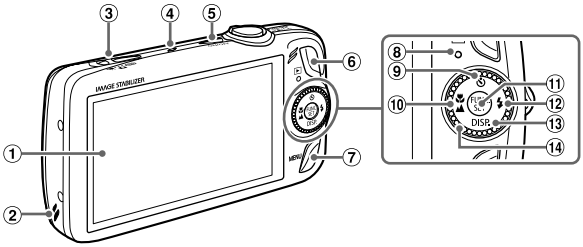


Auto Mode
You can leave it to the camera to select settings (p. 24).

Shooting Mode
You can shoot with the best settings for the scene (p. 56) or select settings yourself to take various types of pictures (pp. 55, 67, 81).

Movie Mode
For shooting movies (pp. 31, 97).

Downloaded From camera-usermanual.com Canon Manuals



① Screen (LCD Monitor) (pp. 14, 44)
② Speaker
③ Mode Switch
④ Microphone (p. 32)
⑤ ON/OFF Button (p. 20)
⑥ ▶ (Playback) Button (pp. 27, 105)
⑦ MENU (Menu) Button (p. 48)
⑧ Indicator (p. 46)
⑨ (Self-Timer) (pp. 63, 64, 78, 79) / ▲ Button
⑩ (Macro) (p. 70) / (Infinity) (p. 71) / ◀ Button
⑪ FUNC./SET (Function/Set) Button (p. 47)
⑫ (Flash) (pp. 59, 69, 89) / ▶ Button
⑬ DISP. (Display) Button (pp. 44, 45) / ▼ Button
⑭ Control Dial (p. 43)

Control Dial

Turning the control dial allows you to perform operations such as choosing items or switching images.

▶ Button

When the lens is extended, you can switch between Shooting and Playback modes. When the lens is retracted, you can use this button to turn the camera on and off in Playback mode.

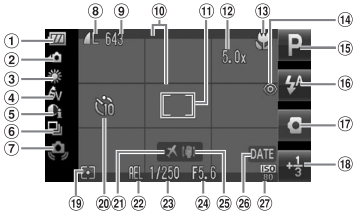
Screen (LCD Monitor)

The screen is a touch panel. When shooting, you can touch the screen to choose the subject you want to focus on, or touch icons to easily make settings. During playback, you can also touch the screen to switch the display or to start playing a movie.

Downloaded From camera-usermanual.com Canon Manuals

Information Displayed on the Screen

Shooting (Information Display)

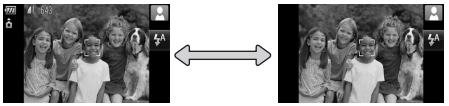


① Battery Charge Indicator (p. 17)
② Camera Orientation*
③ White Balance (p. 75)
④ My Colors (p. 77)
⑤ i-Contrast (p. 90)
⑥ Drive Mode (p. 76)
⑦ Camera Shake Warning (p. 145)
⑧ Compression (Image Quality) (p. 72)
Recording Pixels (p. 72)
⑨ Still Images: Recordable shots (p. 19)
Movies: Elapsed Time (p. 32)
⑩ Disp. Overlay (p. 145)
⑪ AF Frame (p. 25), Spot AE Point Frame (p. 87)
⑫ Digital Zoom Magnification (pp. 60, 61)
⑬ Macro (p. 70), Infinity (p. 71), AF Lock (p. 84)
⑭ Red-Eye Correction (p. 91)
⑮ Shooting Mode
⑯ Flash Mode (pp. 59, 69, 89)
⑰ Vertical Shutter (p. 80)
⑱ Exposure Compensation (p. 69)
⑲ Metering Modes (p. 87)
⑳ Self-Timer (pp. 63, 64, 78, 79)
㉑ Time Zone (p. 141)
㉒ AE Lock (p. 88), FE Lock (p. 88)
㉓ Shutter Speed
㉔ Aperture Value
㉕ Image Stabilizer (p. 145)
㉖ Date Taken/Recorded (p. 62)
㉗ ISO Speed (p. 74)

* : Standard, : Held vertically
When shooting, the camera detects if it is held vertically or horizontally, and adjusts settings accordingly for the best shot. It also detects orientation during playback, so you can hold the camera in either orientation and it will automatically rotate images for correct viewing.
This function may not operate correctly when the camera is pointed straight up or down.

Switching the Display

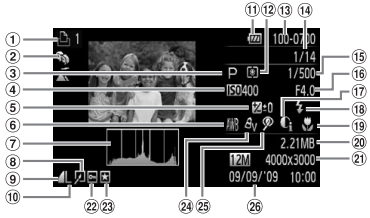
You can change the display using the ▼ button.



Information Display　　No Information Display

Downloaded From camera-usermanual.com Canon Manuals

Playback (Detailed Information Display)



① Print List (p. 132)
② My Category (p. 122)
③ Shooting Mode
④ ISO Speed (p. 74)
⑤ Exposure Compensation (p. 69)
⑥ White Balance (p. 75)
⑦ Histogram (p. 46)
⑧ Image Editing (pp. 126 – 131)
⑨ Compression (Image Quality) (p. 72), MOV (Movies) (p. 99)
⑩ Recording Pixels (p. 72)
⑪ Battery Charge Indicator (p. 17)
⑫ Metering Modes (p. 87)
⑬ Folder Number – File Number (p. 138)
⑭ Displayed image number / Total number of images
⑮ Shutter Speed
⑯ Aperture Value, Image Quality (Movies) (p. 99)
⑰ i-Contrast (pp. 90, 130)
⑱ Flash (pp. 69, 89)
⑲ Macro (p. 70), Infinity (p. 71)
⑳ File Size (p. 73)
㉑ Still Images: Recording Pixels (p. 72)
Movies: Movie Length (p. 99)
㉒ Protect (p. 117)
㉓ Favorites (p. 124)
㉔ My Colors (pp. 77, 129)
㉕ Red-Eye Correction (pp. 91, 131)
㉖ Shooting Date and Time (p. 20)

Switching the Display

You can change the display using the ▼ button.

No Information Display → Simple Information Display → Detailed Information Display → Focus Check Display (p. 111)

You can also switch the display by pressing the ▼ button while the image displays shortly after shooting. However, Simple Information will not display. You can set the display that appears first. Press the MENU button to choose the tab. Then set [Review Info].

Downloaded From camera-usermanual.com Canon Manuals

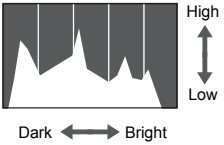
Display in Dark Conditions during Shooting

The display automatically brightens when shooting in dark conditions, allowing you to check the composition (Night Display function). However, the brightness of the image on the screen, and the brightness of the actual image recorded may be different. Screen noise may appear and the movement of the subject may appear somewhat jagged on the screen. This has no effect on the recorded image.

Overexposure Warning during Playback

In “Detailed Information Display” (p. 45), overexposed areas of the image flash on the screen.

Histogram during Playback



- The graph that appears in “Detailed Information Display” (p. 45) is called the histogram. The histogram shows the distribution and amount of brightness of an image. When the graph approaches the right side, the image is bright, but when it approaches the left side, the image is dark, and in this way you can judge the exposure.

Indicator

The Indicator on the back of the camera (p. 43) will light or blink under the following conditions.

Colors	Status	Operation Status
Green	Lights	Shooting preparation complete (p. 25)/Display Off (p. 140)
	Blinks	Recording/reading/transmitting image data (p. 25)
Orange	Lights	Shooting preparation complete (flash on) (p. 25)
	Blinks	Camera shake warning (p. 59)

When the indicator blinks green, data is being recorded to/read from the memory card or various information is being transmitted. Do not turn off the power, open the memory card slot/battery cover, shake or jolt the camera. These actions may corrupt the image data or cause the camera or memory card to malfunction.

Downloaded From camera-usermanual.com Canon Manuals

FUNC. Menu – Basic Operations

You can set commonly used functions using the FUNC. menu. The menu items and options differ depending on the mode (p. 156). You can also use the FUNC. menu in Playback mode.

1 Display the FUNC. menu.

- Press the (FUNC. SET) button.

Selectable Options
Menu Items

2 Choose a menu item.

- Press the ▲▼ buttons, or turn the dial to choose a menu item, then press the (FUNC. SET) button.
- Depending on the menu, the screen may switch. Choose a menu item and make the setting.

3 Choose an option.

- Press the ▲▼ buttons or turn the dial to choose an option.
- To return to the menu, press the ◀ button.

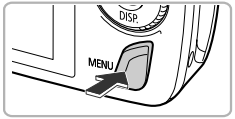
4 Make the setting.

- Press the (FUNC. SET) button.

Downloaded From camera-usermanual.com Canon Manuals

MENU – Basic Operations

Various functions can be set from the menus. The menu items are organized under tabs, such as for shooting (📷) and playback (▶). The available menu items differ depending on the mode (pp. 158 – 161).



1 Display the menu.

- Press the MENU button.

2 Choose a tab.

- Press the ◀▶ buttons, or move the zoom lever (p. 42) left or right to choose a tab.

3 Choose a menu item.

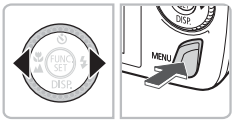
- Press the ▲▼ buttons or turn the ◎ dial to choose a menu item.
- Some items require you to press the FUNC SET button or ▶ button to display a submenu in which you change the setting.

4 Choose an option.

- Press the ◀▶ buttons to choose an option.

5 Make the setting.

- Press the MENU button.
- ▶ The normal screen will reappear.

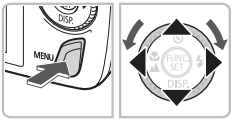


Downloaded From camera-usermanual.com Canon Manuals

Changing the Sound Settings

You can silence or adjust the volume of camera sounds.

Muting Sounds



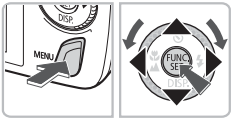
1 Display the menu.

- Press the MENU button.

2 Choose [Mute].

- Press the ◀▶ buttons to choose the tab.
- Press the ▲▼ buttons or turn the dial to choose [Mute], then use the ◀▶ buttons to choose [On].

Adjusting the Volume



1 Display the menu.

- Press the MENU button.

2 Choose [Volume].

- Press the ◀▶ buttons to choose the tab.
- Press the ▲▼ buttons or turn the dial to choose [Volume], then press the (FUNC SET) button.

3 Change the volume.

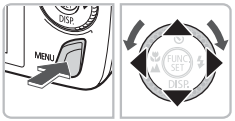
- Press the ▲▼ buttons or turn the dial to choose an item, then use the ◀▶ buttons to adjust the volume.

Downloaded From camera-usermanual.com Canon Manuals

Changing the Screen Brightness

The screen brightness can be changed in two ways.

With the Menu



1 Display the menu.

- Press the MENU button.

2 Choose [LCD Brightness].

- Press the ◀▶ buttons to choose the tab.
- Press the ▲▼ buttons or turn the dial to choose [LCD Brightness],

3 Change the brightness.

- Press the ◀▶ buttons to change the brightness.
- Press the MENU button again to complete the setting.

With the ▼ Button

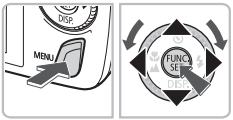
- Press the ▼ button for more than one second.
- ▶ The screen increases to maximum brightness regardless of the setting in the tab.
- Pressing the ▼ button again for more than one second will return the screen to the original brightness.

- The next time you turn on the camera, the screen will be at the brightness setting chosen in the tab.
- When you have set the brightness to its highest setting in the tab, you cannot change the brightness with the ▼ button.

Downloaded From camera-usermanual.com Canon Manuals

Returning the Camera to Default Settings

When you have mistakenly changed a setting, you can reset the camera to the default settings.



1 Display the menu.

- Press the MENU button.

2 Choose [Reset All].

- Press the ◀▶ buttons to choose the tab.
- Press the ▲▼ buttons or turn the dial to choose [Reset All], then press the (FUNC SET) button.

3 Reset the settings.

- Press the ◀▶ buttons or turn the dial to choose [OK], then press the (FUNC SET) button.
- ▶ The camera will reset to the default settings.

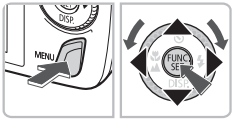
Are there functions that cannot be reset?

- The [Date/Time] (p. 20) in the tab, [Language] (p. 21), [Video System] (p. 115), [Time Zone] (p. 141), the image registered as [Start-up Image] (p. 147).
- The saved data for custom white balance (p. 75).
- Colors that were chosen in Color Accent (p. 93) or Color Swap (p. 94).

Downloaded From camera-usermanual.com Canon Manuals

Low Level Memory Card Formatting

Perform low level formatting when you think that the recording/reading speed of a memory card has dropped. As you cannot retrieve the erased data, exercise adequate caution before low level formatting the memory card.

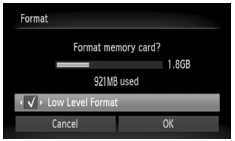


1 Display the menu.

- Press the MENU button.

2 Choose [Format].

- Press the ◀▶ buttons to choose the tab.
- Press the ▲▼ buttons or turn the dial to choose [Format], then press the (FUNC SET) button.



3 Perform the low level format.

- Press the ▲▼ buttons or turn the dial to choose [Low Level Format], then use the ◀▶ buttons to display ✓.
- Press the ▲▼◀▶ buttons or turn the dial to choose [OK], then press the (FUNC SET) button.
- ▶ Low level formatting starts.

About low level formatting

When the [Memory card error] message appears, or when the camera does not work correctly, low level formatting the memory card may solve the problem. Copy the images from the memory card to a computer or other device before low level formatting.

- Low level formatting may take longer than standard formatting (p. 22), since all recorded data are erased.
- You can stop a low level format of a memory card by choosing [Stop]. When stopping low level formatting, the data will be erased but the memory card can be used without problem.

Downloaded From camera-usermanual.com Canon Manuals

Power Saving Function (Auto Power Down)

To save battery power, the camera shuts down automatically when it is not operated for a certain time.

Power Saving during Shooting

The monitor will turn off approximately 1 minute after the camera is last operated. After about 2 more minutes, the lens will retract and the power will turn off. When the monitor has turned off but the lens has not yet retracted, pressing the shutter button halfway (p. 23) turns on the monitor and shooting can continue.

Power Saving during Playback

The power will turn off approximately 5 minutes after the camera is last operated.

- You can turn off the Power Saving Function (p. 140).
- You can adjust the time before the monitor turns off (p. 140).

Downloaded From camera-usermanual.com Canon Manuals

Clock Functions

You can check the current time.

- Press and hold the (FUNC SET) button.
- ▶ A screen like that on the left appears showing the current time.
- If you hold the camera vertically while using the clock function, it will switch to vertical display. Press the ◀▶ buttons or turn the dial to change the display color.
- Press the (FUNC SET) button to cancel the clock display.

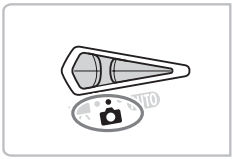
When the camera power is off, press and hold the (FUNC SET) button, then press the ON/OFF button to display the clock.

Downloaded From camera-usermanual.com Canon Manuals

3

Shooting in Special Conditions and Commonly Used Functions

This chapter explains how to shoot in different conditions, as well as how to use common functions, such as the flash and self-timer.

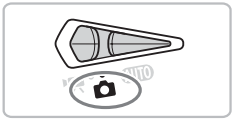


- When you choose a Shooting mode that matches a particular set of conditions, the camera will automatically select any necessary settings. All you need do is press the shutter button to take an optimized picture.
- This chapter assumes the mode is set to AUTO for “Turning the Flash Off” (p. 59) to “Using the Face Self-Timer” (p. 64).

Downloaded From camera-usermanual.com Canon Manuals

Shooting in Various Conditions

The camera will select the necessary settings for the conditions in which you wish to shoot when you choose the matching mode.

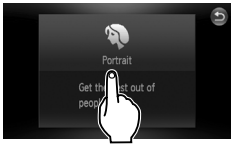


1 Set the mode switch to (p. 42).

2 Choose the desired shooting mode.

- Touch P.

- If you touch the ◀▶ buttons on the screen, or quickly drag across it, a different set of shooting modes will appear.
- Choose the desired shooting mode.



- ▶ A summary of the chosen shooting mode will appear.
- Touch the screen again to make the setting.
- If you touch , the camera will return to the shooting mode selection screen.
- You can also choose shooting modes from the FUNC. menu (p. 47).

3 Shoot.

Take portraits (Portrait)

- Produces a soft effect when photographing people.

Downloaded From camera-usermanual.com Canon Manuals

Take snapshots at night (Night Snapshot)

- Lets you take beautiful snapshots of people against city nightscapes or night backgrounds.
- If you hold the camera firmly, you can take pictures with reduced camera shake, even without a tripod.

Take shots of kids and pets (Kids&Pets)

- Lets you capture subjects that move around, such as children and pets, without missing photo opportunities.

Take indoor shots (Indoor)

- Lets you shoot indoors with natural colors.

Shoot sunsets (Sunset)

- Lets you take shots of sunsets in vivid colors.

Take shots of fireworks (Fireworks)

- Lets you take shots of fireworks in vivid colors.

Take shots of people at the beach (Beach)

- Lets you take bright shots of people on sandy beaches where the reflected sunlight is strong.

Downloaded From camera-usermanual.com Canon Manuals

Take shots of aquatic life in an aquarium (Aquarium)

- Lets you take natural-colored shots of aquatic life in indoor aquariums.

Take shots of foliage (Foliage)

- Lets you shoot trees and leaves, such as new growth, autumn leaves or blossoms, in vivid colors.

Take shots of people in snow (Snow)

- Lets you take bright, natural-colored shots of people against snowy backgrounds.

Shoot using high ISO speed (ISO 3200)

- Lets you set the ISO speed to 3200, and lets you shoot without camera shake or subject blurring even in low light conditions.
- Recording pixels are set to M3 (1600 x 1200 pixels, p. 72).

In , , , or mode, images may appear coarse because the ISO speed (p. 74) is increased to match the shooting conditions.

- In mode, attach the camera to a tripod to prevent the camera from moving and blurring the image. Additionally, you are recommended to set [IS Mode] to [Off] (p. 145).
- In mode, images may appear coarse.

Downloaded From camera-usermanual.com Canon Manuals

Turning the Flash Off

You can shoot with the flash turned off.

1 Touch .

2 Choose .

- Touch to choose it.
- Touch again to make the setting.
- ▶ Once set, will be selected.
- After pressing the ▶ button, you can also press the ◀▶ buttons or turn the dial to choose .

3 Shoot.

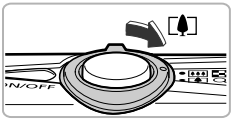
What if the indicator blinks orange and a flashing appears?

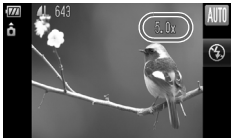
When you press the shutter button halfway in low light conditions where camera shake is likely, the indicator will blink orange and a flashing will appear on the screen. Attach the camera to a tripod to prevent it from moving.

Downloaded From camera-usermanual.com Canon Manuals

Zooming in More Closely on Subjects (Digital Zoom)

You can use the digital zoom to zoom up to a maximum of 20x and capture subjects that are too far away for the optical zoom (p. 24) to enlarge. The images may appear coarse, however, depending on the recording pixel setting (p. 72) and the zoom factor used.





1 Move the zoom lever toward [🔭].

- Hold the lever until zooming stops.
- The zoom will stop when the largest possible zoom factor without image deterioration has been reached. The zoom factor will appear when you release the zoom lever.

2 Move it toward [🔭] again.

- The digital zoom will zoom in even further on the subject.

Zoom Factors at which Images Deteriorate

Recording Pixels	Optical Zoom* (24 – 120 mm)	Digital Zoom* (120 – 480 mm)
L	5.0x →	
M1	6.1x →	
M2		7.7x →
M3		13x →
S		20x →

□ ■ : No image deterioration (zoom factor appears white)

■ : Image deterioration (zoom factor appears blue)

→ : Maximum zoom factor without deterioration (Safety Zoom)

* Focal length (35mm equivalent)

Turning off the digital zoom

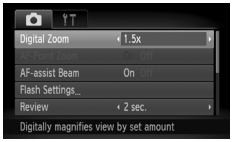
To turn off the digital zoom, press the MENU button, choose the 📷 tab, and choose [Digital Zoom] and the [Off] option.

Downloaded From camera-usermanual.com Canon Manuals

Digital Tele-Converter

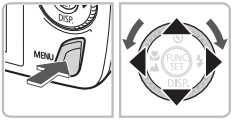
The focal length of the lens can be increased by an equivalent of 1.5x or 2.0x. This enables a faster shutter speed and less chance of camera shake than the zoom (including digital zoom) used by itself at the same zoom factor.

The images may appear coarse, however, depending on the combination of recording pixel (p. 72) and digital tele-converter settings used.



1 Choose [Digital Zoom].

- Press the MENU button.
- Press the ◀▶ buttons to choose the 📷 tab, and press the ▲▼ buttons or turn the dial to choose [Digital Zoom].



2 Accept the setting.

- Press the ◀▶ buttons to choose [1.5x] or [2.0x].
- Pressing the MENU button will restore the shooting screen.
- ▶ The view will be enlarged and the zoom factor will appear on the screen.
- To return to standard digital zoom, choose [Digital Zoom] and the [Standard] option.

Combinations that Cause Image Deterioration

- Using [1.5x] at a recording pixel setting of L or M1 will cause image deterioration (the zoom factor will display in blue).
- Using [2.0x] at a recording pixel setting of L, M1 or M2 will cause image deterioration (the zoom factor will display in blue).

- The respective focal lengths when using [1.5x] and [2.0x] are 36.0 – 180 mm and 48.0 – 240 mm (35mm film equivalent).
- The digital tele-converter cannot be used together with the digital zoom.

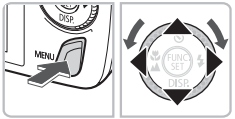
Downloaded From camera-usermanual.com Canon Manuals

Inserting the Date and Time

You can insert the shooting date and time in the lower right corner of an image. Once inserted, however, they cannot be deleted. Be sure to check beforehand that the date and time are correctly set (p. 142).

1 Choose [Date Stamp].

- Press the MENU button.
- Press the ◀▶ buttons to choose the 📷 tab, and press the ▲▼ buttons to choose [Date Stamp].



2 Accept the setting.

- Press the ◀▶ buttons to choose [Date] or [Date & Time].
- Press the MENU button again to accept the setting.
- ▶ [DATE] will appear on the screen.

3 Shoot.

- ▶ The shooting date and time will be recorded in the image's lower right corner.
- To restore to the original setting, choose [Off] in Step 2.

Inserting and printing the date and time in images without an embedded date and time

- **Use the DPOF print settings (p. 134) to print.**
- **Use the included software to print.**
  Refer to the *Software Guide* for details.
- **Connect the camera to a printer to print.**
  Refer to the *Personal Printing Guide* for details.

Downloaded From camera-usermanual.com Canon Manuals

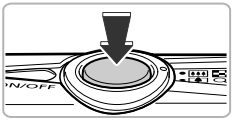
Using the Self-Timer

The self-timer can be used to shoot a group photo that includes the camera operator. The camera will activate approximately 10 seconds after the shutter button is pressed.

1 Press the ▲ button.

2 Choose ⏲10.

- Press the ▲▼ buttons or turn the ◎ dial to choose ⏲10, then press the (FUNC SET) button.
- ▶ Once set, ⏲10 will appear.



3 Shoot.

- Press the shutter button halfway to focus on the subject, then press it fully.
- ▶ When the self-timer starts, the lamp blinks and the self-timer sound plays.
- ▶ Two seconds before the shutter releases, the lamp and sound speed up (the lamp remains lit when the flash will fire).
- To cancel shooting with the self-timer after countdown has started, press the ▲ button.
- To restore the original setting, choose ⏲OFF in Step 2.

You can change the delay time and number of shots (p. 79).

Downloaded From camera-usermanual.com Canon Manuals

Using the Face Self-Timer

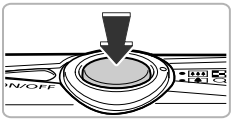
Once you compose the shot, such as for a group photo, press the shutter button, and enter the composition, the camera will take three shots in a row two seconds after it detects your face (p. 82).

1 Choose .

- Follow Step 2 on p. 63 and choose .

2 Compose the shot and press the shutter button halfway.

- Make sure a green frame appears on the face focused on and white frames appear on other faces.



3 Press the shutter button fully.

- The camera will enter shooting stand-by, and [Look straight at camera to start count down] will appear on the screen.
- The lamp will blink and the self-timer sound will play.

4 Join the subjects and look at the camera.

- When the camera detects a new face, the lamp and sound will speed up (the lamp remains lit when the flash will fire), and two seconds later the shutter will release.
- To cancel the self-timer after it has started, press the ▲ button.
- The second and third shots will continue in succession.
- To restore the original setting, choose in Step 2 on p. 63.

What if a face is not detected?

Even if your face is not detected after joining the subjects, the shutter will release approximately 30 seconds later.

Downloaded From camera-usermanual.com Canon Manuals

Changing the number of shots

For the screen in Step 1, press the MENU button, then press the ◀▶ buttons or turn the dial to change the number of shots. Press the FUNC/SET button to accept the setting

Face Self-Timer cannot be used with Touch AF (p. 25).

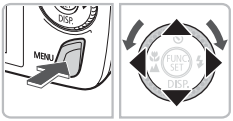
Special Effects for Night Backgrounds (Creative Light Effect)

Light displays and other points of light in the night backgrounds behind your subject can be changed into any of six predetermined shapes. Be sure to use the flash when shooting.

1 **Set the mode switch to 📷 (p. 42).**

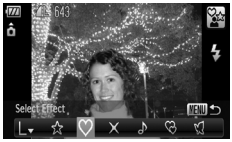
2 **Choose ✨.**

- Follow Step 2 on p. 56 and choose ✨.

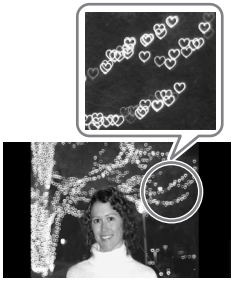


3 **Select a shape.**

- Press the MENU button for more than one second, then press the ◀▶ buttons or turn the dial to choose a shape.
- Press the ▲▼ buttons to change the size.
- Press the MENU button to make the setting.



Downloaded From camera-usermanual.com Canon Manuals



4 Shoot.

Shooting tips

- Hold the camera firmly and shoot non-moving points of light in as dark a location as possible.
- Be sure to shoot with your subject within the range of the flash (p. 69). Also make sure your subject is not illuminated by any other light source.

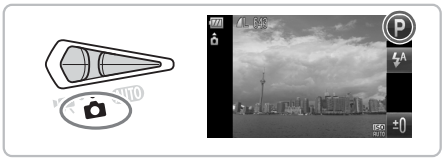
Depending on the shooting conditions, such as when shooting moving points of light, you may not get the selected shape or the expected scene brightness.

Downloaded From camera-usermanual.com Canon Manuals

4

Choosing Settings Yourself

In this chapter you will learn how to use the various functions in **P** mode to progressively advance your shooting skills.



- This chapter assumes that the mode switch is set to 📷 and the camera is in **P** mode.
- **P** stands for Program AE.
- “Zooming In on Close Subjects (Digital Macro)” (p. 71) assumes the mode switch had been set to 📷 and the 🌷 mode chosen.
- Before attempting to shoot using a function explained in this chapter in modes other than **P** mode, check if the function is available in those modes (pp. 156 – 159).

Downloaded From camera-usermanual.com Canon Manuals

Shooting in Program AE

You can choose the settings for various functions to suit your preferences. AE stands for Auto Exposure.

1 **Set the mode switch to (p. 42).**

2 **Choose P.**

- Choose P in Step 2 on p. 56.

3 **Adjust the settings according to your purposes (pp. 69 – 79).**

4 **Shoot.**

What if the shutter speed and aperture value are displayed in orange?

If a correct exposure cannot be obtained when pressing the shutter button halfway, the shutter speed and aperture value display in orange. Try the following settings to obtain the correct exposure.

- Turn on the flash (p. 69)
- Choose a higher ISO speed (p. 74)

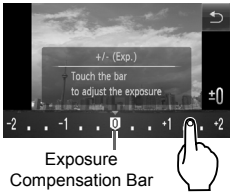
Downloaded From camera-usermanual.com Canon Manuals

Adjusting the Brightness (Exposure Compensation)

You can adjust the standard exposure set by the camera in 1/3-stop increments in the range of -2 to +2.

1 Choose the exposure compensation.

- Touch ±0.



2 Adjust the brightness.

- While looking at the screen, touch the Exposure Compensation bar and drag left or right to adjust the brightness, then touch ⮌.
- You can also press the ◀▶ buttons or turn the ◎ dial to adjust the brightness.
- You can also adjust the exposure compensation from the FUNC. menu (p. 47).

Turning the Flash On

You can make the flash fire every time you shoot. At maximum wide angle, the flash range is approximately 50 cm – 3.5 m (1.6 – 11 ft.), and at maximum telephoto, it is 90 cm – 1.5 m (3.0 – 4.9 ft.)

Choose ϟ.

- Touch ϟᴬ, then touch ϟ.
- ▶ Once set, ϟ will appear.
- After pressing the ▶ button, you can also press the ◀▶ buttons or turn the ◎ dial to choose ϟ.

Downloaded From camera-usermanual.com Canon Manuals

Shooting Close-ups (Macro)

You can shoot an object at a close distance or even shoot extreme close-ups of it. The shooting range is approximately 5 – 50 cm (2.0 in. – 1.6 ft.) from the end of the lens (when the zoom lever is pushed to maximum W).

Choose .

- After pressing the ◀ button, press the ◀▶ buttons or turn the dial to choose , then press the FUNC/SET button.
- Once set, will appear.

About the Zoom Bar

- When you move the zoom lever, the zoom bar appears on the monitor. The camera cannot focus in in the yellow portion of the bar.
- When zooming within the range of the yellow bar, will be grayed out and shooting will be done in .

How can I take better close-ups?

- You are recommended to attach the camera to a tripod and shoot in , to prevent the camera from moving and blurring the image (p. 78).
- You can reduce the AF frame size when you want to focus on a specific portion of the subject (p. 82).

The edges of the image may darken if the flash fires.

Downloaded From camera-usermanual.com Canon Manuals

Shooting Far Away Subjects (Infinity)

You can shoot landscapes and far away subjects. The focusing range is 3 m (9.8 ft.) and greater from the camera.

Choose ▲.

- After pressing the ◀ button, press the ◀▶ buttons or turn the dial to choose ▲, then press the (FUNC SET) button.
- ▶ Once set, ▲ will appear.

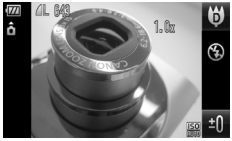
Zooming In on Close Subjects (Digital Macro)

You can zoom in on close subjects. The possible shooting range is approximately 5 – 10 cm (2.0 – 3.9 in.) from the end of the lens. However, you can zoom in even closer on the subject using the digital zoom.
The digital zoom may cause images to appear coarse at some recording pixel settings (p. 72).

1 Set the mode switch to 📷 (p. 42).

2 Choose 🌷.

- Choose 🌷 in Step 2 on p. 56.
- ▶ The optical zoom will lock at the maximum wide angle.



3 Use the zoom lever to compose the shot.

- ▶ The camera will zoom in and the zoom factor will appear.

Zoom Factors at which Images Deteriorate

- No image deterioration (zoom factor appears white)
- Image deterioration (zoom factor appears blue)

Using ⏲2

You are recommended to attach the camera to a tripod and shoot in ⏲2, to prevent the camera from moving and blurring the image (p. 78).

Downloaded From camera-usermanual.com Canon Manuals

Changing the Recording Pixels

You can choose from six recording pixels (image size) settings.

1 Choose the recording pixels.

- Press the (FUNC SET) button and choose L, then press the (FUNC SET) button again.

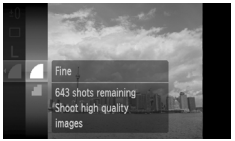
2 Choose an option.

- Press the ▲▼ buttons or turn the dial to choose an option, then press the (FUNC SET) button.
- ▶ The setting you chose will display on the screen.

If you choose W, you cannot use Digital Zoom (p. 60) or Digital Tele-Converter (p. 61).

Changing the Compression Ratio (Image Quality)

You can choose from the following two levels of compression ratio (image quality): ◢ (Fine), ◢ (Normal).



1 Choose the image quality.

- Press the (FUNC SET) button and choose ◢, then press the (FUNC SET) button again.

2 Choose an option.

- Press the ▲▼ buttons or turn the dial to choose an option, then press the (FUNC SET) button.
- ▶ The setting you chose will display on the screen.

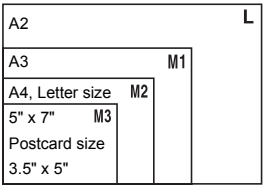
Downloaded From camera-usermanual.com Canon Manuals

Approximate Values for Recording Pixels and Compression Ratio

Recording Pixels	Compression Ratio	Single Image Data Size (Approx. KB)	Number of Recordable Images	
			2 GB	8 GB
L (Large) 12 M/4000 x 3000		3084	626	2505
		1474	1280	5116
M1 (Medium 1) 8 M/3264 x 2448		2060	930	3721
		980	1920	7675
M2 (Medium 2) 5 M/2592 x 1944		1395	1365	5457
		695	2672	10679
M3 (Medium 3) 2 M/1600 x 1200		558	3235	12927
		278	6146	24562
S (Small) 0.3 M/640 x 480		150	10245	40937
		84	15368	61406
W (Widescreen) 4000 x 2248		2311	830	3318
		1105	1707	6822

- The values in the table are measured according to Canon standards and may change depending on the subject, memory card and camera settings.

Approximate Values for Paper Size



- S Suitable for sending images as e-mail attachments.
- W For printing on wide size paper.

Downloaded From camera-usermanual.com Canon Manuals

Changing the ISO Speed

1 Choose the ISO speed.

- Press the (FUNC SET) button and choose ISO AUTO, then press the (FUNC SET) button again.

2 Choose an option.

- Press the ▲▼ buttons or turn the dial to choose an option, then press the (FUNC SET) button.
- ▶ The setting you chose will display on the screen.

ISO AUTO		Automatically adjusts the ISO speed to the Shooting mode and shooting conditions.
ISO 80 ISO 100 ISO 200	Low	Fine weather conditions, outdoor shooting.
ISO 400 ISO 800	↕	Cloudy, Twilight
ISO 1600	High	Nightscapes, Dark interiors

Changing the ISO speed

- Lowering the ISO speed results in sharper images, but there may be an increased chance of image blurring in certain shooting conditions.
- Raising the ISO speed results in a faster shutter speed, reducing camera shake and letting the flash reach greater distances to the subject. The images, however, will appear coarse.

- When the camera is set to ISO AUTO, you can press the shutter button halfway to display the automatically set ISO speed.
- With ISO 3200 you can set an even faster speed (p. 58).

Downloaded From camera-usermanual.com Canon Manuals

Adjusting the White Balance

The white balance (WB) function sets the optimal white balance for natural looking colors.

1 Choose the white balance.

- Press the (FUNC SET) button and choose AWB, then press the (FUNC SET) button again.

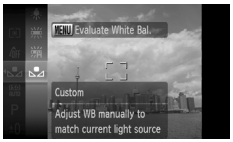
2 Choose an option.

- Press the ▲▼ buttons or turn the dial to choose an option, then press the (FUNC SET) button.
- ▶ The setting you chose will display on the screen.

AWB	Auto	Automatically sets the optimal white balance for the shooting conditions.
☀	Day Light	Fine weather conditions, outdoor shooting
☁	Cloudy	Cloudy, shady, twilight conditions
💡	Tungsten	Tungsten, bulb-type (3-wavelength) fluorescent lighting
	Fluorescent	Warm-white fluorescent, cool-white fluorescent, warm-white-type (3-wavelength) fluorescent lighting
H	Fluorescent H	Daylight fluorescent, daylight-type (3-wavelength) fluorescent lighting
	Custom	Manually sets a custom white balance.

Custom White Balance

You can adjust the white balance to the light source at the shooting location. Make sure that you set the white balance under the light source of the actual scene you will shoot.



- In Step 2 above, choose .
- Make sure the entire screen is filled with a white colored subject, then press the MENU button.
- ▶ The tint on the screen will change when a white balance data is set.

If you change camera settings after recording white balance data, the tone may not turn out properly.

Downloaded From camera-usermanual.com Canon Manuals

Continuous Shooting

You can shoot continuously at a fixed interval (0.8 shots/sec.).

1 Choose a Drive mode.

- Press the (FUNC SET) button and choose □, then press the (FUNC SET) button again.
- Press the ▲▼ buttons or turn the ◎ dial to choose 🖳, then press the (FUNC SET) button.

2 Shoot.

- As long as you hold the shutter button down, the camera will shoot successive images.

- Cannot be used with the self-timer (pp. 63, 64, 78, 79).
- For continuous shooting, the focus and exposure are locked when the shutter button is pressed halfway.
- As the number of images increases, the shooting intervals may take longer.
- If the flash fires, shooting intervals may take longer.

Downloaded From camera-usermanual.com Canon Manuals

Changing the Tone of an Image (My Colors)

You can change the tone of an image to sepia or black and white when shooting.

1 Choose My Colors.

- Press the (FUNC SET) button and choose MY COLORS OFF, then press the (FUNC SET) button again.

2 Choose an option.

- Press the ▲▼ buttons or turn the dial to choose an option, then press the (FUNC SET) button.
- ▶ The setting you choose will display on the screen.

MY COLORS OFF	My Colors Off	—
MY COLORS V	Vivid	Emphasizes the contrast and color saturation for a vivid impression.
MY COLORS N	Neutral	Tones down the contrast and color saturation for neutral hues.
MY COLORS Se	Sepia	Sepia tones.
MY COLORS BW	B/W	Black and white.
MY COLORS P	Positive Film	Combines the effects of Vivid Red, Vivid Green and Vivid Blue to produce intense natural appearing colors like those obtained with positive film.
MY COLORS L	Lighter Skin Tone	Makes skin tones lighter.
MY COLORS D	Darker Skin Tone	Makes skin tones darker.
MY COLORS B	Vivid Blue	Emphasizes blue tints. Makes the sky, ocean and other blue subjects more vivid.
MY COLORS G	Vivid Green	Emphasizes green tints. Makes mountains, foliage and other green subjects more vivid.
MY COLORS R	Vivid Red	Emphasizes red tints. Makes red subjects more vivid.
MY COLORS C	Custom Color	You can adjust contrast, sharpness, and color saturation etc. to your preference (p. 78).

- The white balance cannot be set in the MY COLORS Se and MY COLORS BW modes (p. 75).
- In the MY COLORS L and MY COLORS D mode, colors other than people's skin color may change. You may not obtain the expected results with some skin colors.

Downloaded From camera-usermanual.com Canon Manuals

Custom Color

The contrast, sharpness, color saturation, red, green, blue, and skin tones in an image can be chosen and set from 5 different levels.

- Follow Step 2 on p. 77 to choose , then press the MENU button.
- Press the ▲▼ buttons to choose an option, then use the ◀▶ buttons or turn the dial to choose a value.
- The more to the right, the stronger/deeper the effect gets, the more to the left, the weaker/lighter the effect gets.
- Press the MENU button to accept the setting.

Shooting Using the Two Second Self-Timer

You can set the self-timer to a delay of approximately two seconds.

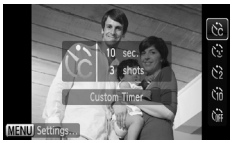
Choose .

- After pressing the ▲ button, press the ▲▼ buttons or turn the dial to choose , then press the FUNC SET button.
- Once set, will appear on the screen.
- Follow Step 3 on p. 63 to shoot.

Downloaded From camera-usermanual.com Canon Manuals

Customizing the Self-Timer

You can set the time delay (0 – 30 seconds) and the number of shots (1 – 10 shots).



1 Choose ⏲.

- Press the ▲ button, then use the ▲▼ buttons or turn the ◎ dial to choose ⏲, then press the MENU button.

2 Choose the settings.

- Press the ▲▼ buttons to choose [Delay] or [Shots].
- Press the ◀▶ buttons or turn the ◎ dial to choose a value, then press the (FUNC SET) button.
- Follow Step 3 on p. 63 to shoot.

What if the number of shots is set to two or more shots?

- Exposure and white balance settings are set with the first shot.
- When you set the time delay for more than 2 seconds, the self-timer lamp and sound speed up 2 seconds before the shutter releases (when the flash will fire, the lamp lights).

- If the flash fires, the shooting interval may be longer.
- If you set a high number of shots, the shooting interval may be longer.
- If the memory card becomes full, shooting stops automatically.

Shooting Using a TV Monitor

You can use a TV to display the camera screen content while shooting.

- Connect the camera to a TV as described in “Viewing Images on a TV” (p. 115).
- Shooting procedures are the same as when using the camera’s monitor. You cannot use touch operations however.

TV display is not available when using the HDMI Cable HTC-100 (sold separately) to connect the camera to a high-definition TV.

Downloaded From camera-usermanual.com Canon Manuals

Changing the Composition with the Focus Lock

While you keep the shutter button pressed halfway, the focus and exposure are locked. You can now recompose and shoot. This is called Focus Lock.

1 Focus.

- Center the subject you want in focus, and press the shutter button halfway.
- Confirm that a green AF frame appears around the subject.

2 Recompose.

- Keep the shutter button pressed halfway and recompose the scene.

3 Shoot.

- Press the shutter button fully.

Holding the Camera and Shooting Vertically (Vertical Shutter)

You can touch on the screen instead of the shutter button to shoot when holding the camera vertically. You can still also use the shutter button.

Shoot.

- Hold the camera vertically.
- ▶ will appear.
- Point the camera at the subject and touch .
- ▶ When the camera focuses, it will beep twice and take the shot right away. This is unlike when you shoot with the shutter button and first press it halfway.

To prevent the icon from appearing, press the MENU button, select the tab, and then select the [Vert. Shutter] menu item and the [Off] option.

Downloaded From camera-usermanual.com Canon Manuals

5

Getting More Out of Your Camera

This chapter serves as the advanced version of Chapter 4 and explains how to take pictures using various functions.

- This chapter assumes that the mode switch is set to 📷 and the camera is in **P** mode.
- “Shooting Long Exposures” (p. 92), “Changing the Color and Shooting” (p. 93) and “Shooting Stitch Assist Images” (p. 96) assume you have set the mode switch to 📷 and selected the corresponding mode.
- Before attempting to shoot using a function explained in this chapter in modes other than **P** mode, check if the function is available in those modes (pp. 156 – 159).

Downloaded From camera-usermanual.com Canon Manuals

Changing the AF Frame Mode

You can change the AF (Auto Focus) frame mode to match the conditions you want to shoot. You can also use touch operations to change the position of the AF frame or choose a subject to focus on without having to change AF frame mode settings (p. 86).

Choose [AF Frame].

- Press the MENU button, choose the camera tab, and then choose the [AF Frame] menu item. Use the ◀▶ buttons to choose an option.

Face AiAF

- Detects people's faces and sets the focus, exposure (evaluative metering only) and white balance (AWB only).
- When the camera is pointed at subjects, a white frame appears on the face the camera judges to be the main subject, and gray frames (max. 2) will appear on other faces. When the shutter button is pressed halfway, up to 9 green frames will appear on faces on which the camera focuses.

- If a face is not detected or only gray frames (no white frame) appear, up to 9 green frames will appear on the areas the camera focuses on when the shutter button is pressed halfway.
- Examples of faces that cannot be detected:
  - Subjects that are far away or extremely close.
  - Subjects that are dark or light.
  - Faces turned to the side or at a diagonal, or faces with a portion hidden.
- The camera may mistakenly identify non-human subjects as a face.
- If the camera cannot focus when you press the shutter button halfway, the AF frame will not appear.

Fixed frame

A single AF frame will be used. This is effective for focusing on a specific point. You can also change the AF frame size.

You can reduce the AF frame size

- Press the MENU button, choose the camera tab, then choose the [AF Frame Size] menu item and [Small] option.
- The setting is configured to [Normal] when the Digital Zoom (p. 60) or Digital Tele-converter (p. 61) is used.

Downloaded From camera-usermanual.com Canon Manuals

If the camera cannot focus when you press the shutter button halfway, the AF frame will turn yellow and ! will appear.

Magnifying the Focal Point

You can push the shutter button halfway to magnify the AF frame and check the focus.

1 Choose [AF-Point Zoom].

- Press the MENU button, choose the tab, and then choose the [AF-Point Zoom] menu item. Use the ◀▶ buttons to choose [On].

2 Check the focus.

- Press the shutter button halfway.
- ▶ In [Face AiAF], the face selected as the main subject will appear magnified.
- ▶ In [Fixed frame], the contents of the AF frame will appear magnified.

What if the display does not magnify?

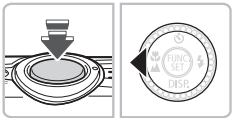
The display will not appear magnified in [Face AiAF] if a face cannot be detected or is too big in relation to the screen. In [Fixed frame], it will not appear magnified if the camera cannot focus.

The magnified display will not appear when using Digital Zoom (p. 60) or Digital Tele-Converter (p. 61), Servo AF (p. 85), or when connected to a TV (p. 79).

Downloaded From camera-usermanual.com Canon Manuals

Shooting with the AF Lock

The focus can be locked. After locking the focus, the focal distance will not change even when you release your finger from the shutter button.



1 Lock the focus.

- Keep the shutter button pressed halfway and press the ◀ button.
- ▶ The focus locks and AFL is displayed on the screen.
- If you release your finger from the shutter button and press the ◀ button again, AFL will disappear and the focus will unlock.

2 Compose the scene and shoot.

Downloaded From camera-usermanual.com Canon Manuals

Shooting with Servo AF

While the shutter button is pressed halfway, the focus and exposure will continue to adjust, allowing you to take pictures of moving subjects without missing a shot.

1 Choose [Servo AF].

- Press the MENU button and choose [Servo AF] on the tab, and use the ◆▶ buttons to choose [On].

2 Focus.

- Focus and exposure will be maintained where the blue AF frame appears while you press the shutter button halfway.
- If a face is not detected when AF Frame is set to [Face AiAF] (p. 82), the AF frame will be set to [Fixed frame].

- The camera may not be able to focus and set the exposure in some conditions.
- If a correct exposure cannot be obtained, the shutter speed and aperture value are shown in orange. Take your finger off the shutter button, then press it again halfway.
- You cannot shoot with the AF lock in this mode.
- While in Servo AF mode, [AF-Point Zoom] in the tab cannot be set to [On].
- Not available in Self-Timer (pp. 63, 64, 78, 79).

Downloaded From camera-usermanual.com Canon Manuals

Choosing the Subject to Focus On (Touch AF)

You can choose a specific subject or person's face, or a location on the screen, to focus on and shoot.

1 Choose the subject, face or location to focus on.

- Touch the subject or person shown on the screen.
- When the AF frame mode is set to [Face AiAF], the camera will beep and display ⌜ ⌝ ⌞ ⌟ when it detects the subject. The camera will continue to focus even if the subject moves. If the camera does not detect the subject, ⌜ ⌝ ⌞ ⌟ will blink for a few seconds and then disappear.
- When the AF frame mode is set to [Fixed frame], an AF frame will appear at the location where you touch the screen.
- The camera will return to the normal shooting screen if it cannot detect the subject to continue focusing on.
- To cancel, touch ⮌.

2 Shoot.

- Press the shutter button halfway. The frame will change into a green □.
- Press the shutter button fully to shoot.

- The camera may not be able to track the subject if the subject is too small, moves too quickly or if the contrast between the subject and the background is too low.
- When shooting in 🌷 or ⛰ (pp. 70, 71) with the AF frame mode set to [Face AiAF], choosing a location to focus on returns the camera to 🏞.

A border appeared around the screen when it was touched

Touch operations on faces or subjects appearing outside the border will not work. They will work if the face or subject move inside the border.

Downloaded From camera-usermanual.com Canon Manuals

Changing the Metering Mode

You can change the Metering mode (brightness measuring function) to match the shooting conditions.

1 Choose the Metering mode.

- Press the (FUNC. SET) button and choose [⊙], then press the (FUNC. SET) button again.

2 Choose an option.

- Press the ▲▼ buttons or turn the ◎ dial to choose an option, then press the (FUNC. SET) button.
- ▶ The setting will display on the screen.

[⊙] Evaluative	Suitable for standard shooting conditions, including back lit shots. Automatically adjusts the exposure to match the the shooting conditions.
[ ] Center Weighted Avg.	Averages the light metered from the entire frame, but gives greater weight to the center.
[•] Spot	Only meters within the [ ] (Spot AE Point frame). Also, the Spot AE Point frame is linked with the AF frame when the AF Frame mode is set to [Center].

Downloaded From camera-usermanual.com Canon Manuals

Shooting with the AE Lock

When you wish to take several shots with the same exposure, you can set the exposure and focus separately using the AE lock. AE stands for “Auto Exposure”.

1 Lock the exposure.

- Point the camera toward the subject and press the ▲ button while pressing the shutter button halfway.
  - ▶ When AEL appears, the exposure will be set.
- If you release your finger from the shutter button and press the ▲ button again, AEL will disappear and the AE will unlock.

2 Compose the scene and shoot.

Shooting with the FE Lock

Just as with the AE lock (p. 88), you can lock the exposure for shooting with the flash. FE stands for “Flash Exposure”.

1 Choose ϟ (p. 69).

2 Lock the exposure.

- Point the camera toward the subject and press the ▲ button while pressing the shutter button halfway.
  - ▶ The flash will fire and when FEL appears, the flash output will be retained.
- If you release your finger from the shutter button and press the ▲ button again, FEL will disappear and the FE will unlock.

3 Compose the scene and shoot.

Downloaded From camera-usermanual.com Canon Manuals

Shooting with Slow Synchro

You can make the main subject, such as people, appear bright by having the camera provide the appropriate illumination with the flash. At the same time, you can use a slow shutter speed to brighten the background that the light from the flash cannot reach.

1 Choose .

- Touch , then touch .
- Once set, will appear.
- After pressing the ▶ button, you can also press the ◀▶ buttons or turn the dial to choose .

2 Shoot.

- Even if the flash fires, ensure that the subject does not move until the shutter sound ends.

Attach the camera to a tripod to prevent the camera from moving and blurring the image. It is recommended to set the [IS Mode] to [Off] when shooting with a tripod (p. 145).

Downloaded From camera-usermanual.com Canon Manuals

Correcting the Brightness and Shooting (i-Contrast)

The camera can detect areas in the scene, such as faces or backgrounds, that are too bright or dark and automatically adjust them to the optimum brightness when shooting. Also, when the overall image is lacking in contrast, the camera will automatically correct the image for a sharper impression when shooting.

Choose [i-Contrast].

- Press the MENU button, choose the tab, and then choose the [i-Contrast] menu item. Use the ◀▶ buttons to choose [Auto].
  - ▶ will appear on the screen.

Under some conditions, the image may appear coarse or may not be corrected properly.

You can correct recorded images (p. 130).

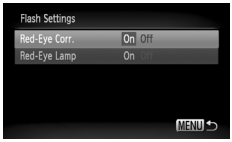
Downloaded From camera-usermanual.com Canon Manuals

Red-Eye Correction

You can automatically correct red-eye that occurs in images taken with the flash.

1 Choose [Flash Settings].

- Press the MENU button, choose [Flash Settings] from the tab and press the (FUNC SET) button.



2 Adjust the setting.

- Press the ▲▼ buttons or turn the dial to choose [Red-Eye Corr.] and press the ◀▶ buttons to choose [On].
- ▶ will appear on the screen.

Red-eye correction may be applied to red areas other than red eyes. For example, when red make-up has been used around eyes.

You can correct recorded images (p. 131).

Checking for Shut Eyes

When the camera detects the possibility that people have their eyes shut, appears.

1 Choose [Blink Detection].

- Press the MENU button, choose the tab, and then choose the [Blink Detection] menu item. Use the ◀▶ buttons to choose [On].

2 Shoot.

- ▶ When a person with shut eyes is detected, a frame and appear for a few seconds.

- In and modes, this function is only available for the last image shot.
- Not available in .

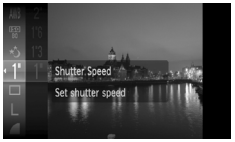
Downloaded From camera-usermanual.com Canon Manuals

Shooting Long Exposures

You can set the shutter speed to a range between 1 and 15 seconds to shoot long exposures. However, you should attach the camera to a tripod to prevent the camera from moving and blurring the image.

1 Choose ★.

- Choose ★ in Steps 1 – 2 on p. 56.



2 Choose the shutter speed.

- Press the (FUNC. SET) button, then press ▲▼ buttons or turn the dial to choose [1"] and press the (FUNC. SET) button.
- Press the ▲▼ buttons or turn the dial to choose a shutter speed, then press the (FUNC. SET) button.

3 Confirm the exposure.

- When you press the shutter button halfway, the exposure for the chosen shutter speed will appear.

- The brightness of the image may differ from the brightness of the screen in Step 3 when the shutter button was pressed halfway.
- When shutter speeds of 1.3 seconds or slower are used, images are processed to eliminate noise after being taken. A certain amount of processing time may be needed before you can take the next shot.
- It is recommended to set the [IS Mode] to [Off] when shooting with a tripod (p. 145).

If the flash fires, the image may be overexposed. If this happens, set the flash to ⊗ and shoot.

Downloaded From camera-usermanual.com Canon Manuals

Changing the Color and Shooting

You can change the look of an image when shooting. However, the shooting conditions may cause the image to become coarse, or the colors may not come out as expected.

Color Accent

You can choose to retain a single color and change the rest to black and white in a composition.

1 Choose .

- Follow Steps 1 – 2 on p. 56 to choose .

2 Press the MENU button for more than one second.

- ▶ The unchanged image and the Color Accent image will both display.
- The color for default settings is green.

Recorded color

3 Specify the color.

- Position the center frame so it is filled with the color you want and press the ◀ button.
- ▶ The specified color will be recorded.

4 Specify the range of colors.

- Press the ▲▼ buttons or turn the dial to change the range of colors to be retained.
- Choose a negative value to limit the range of colors. Choose a positive value to extend the range of colors to similar colors.
- Pressing the MENU button accepts the setting and restores the shooting screen.

Using the flash may cause unexpected results in this mode.

Downloaded From camera-usermanual.com Canon Manuals

Color Swap

You can swap one color in an image for another when recording it. You can only swap one color.

1 Choose .

- Follow Steps 1 – 2 on p. 56 to choose .

2 Press the MENU button for more than one second.

- The unchanged image and the Color Swap image will both display.
- The default setting is to change green to gray.

3 Specify the color to be swapped.

- Position the center frame so it is filled with the color you want and press the ◀ button.
- The specified color will be recorded.

4 Specify the target color.

- Position the center frame so it is filled with the color you want and press the ▶ button.
- The specified color will be recorded.

Downloaded From camera-usermanual.com Canon Manuals

5 Specify the range of colors to be swapped.

- Press the ▲▼ buttons or turn the dial to adjust the range of colors affected.
- Choose a negative value to limit the range of colors. Choose a positive value to extend the range of colors to similar colors.
- Pressing the MENU button accepts the setting and restores the shooting screen.

- Using the flash may cause unexpected results in this mode.
- Under some conditions, the image may appear coarse.

Downloaded From camera-usermanual.com Canon Manuals

Shooting Stitch Assist Images

Large subjects can be split into several shots that can later be merged together using the included software on a computer to create a panoramic image.

1 Choose .

- Follow Steps 1 – 2 on p. 56 to choose .

2 Choose a shooting direction.

- Turn the dial to choose a shooting direction.

3 Take the first shot.

▶ The exposure and white balance will be set with the first shot.

4 Take subsequent shots.

- Overlap part of the first shot when taking the second shot.
- Minor discrepancies in the overlapping portions will be corrected when the images are merged.
- Up to 26 shots can be recorded with the same procedures.

5 Finish shooting.

- Press the FUNC SET button.

6 Merge the images on a computer.

- For details on how to merge the images, refer to the *Software Guide*.

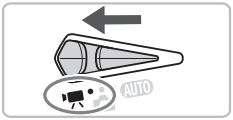
This function is not available when a TV is used as the monitor (p. 79).

Downloaded From camera-usermanual.com Canon Manuals

6

Using Various Functions for Shooting Movies

This chapter provides more advanced information than the "Shooting Movies" and "Viewing Movies" sections of Chapter 1.



- This chapter assumes that the mode switch is set to 🎥.

Downloaded From camera-usermanual.com Canon Manuals

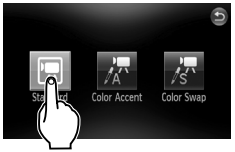
Changing the Movie Mode

You can choose between three Movie modes.

1 Set the mode switch to 🎥.

2 Choose a Movie mode.

- Touch , then touch a movie mode. Touch the screen again to make the setting.
- You can also choose movie modes from the FUNC. menu (p. 47).



Standard	Normal mode.
Color Accent	These Shooting modes let you change all colors except the chosen color to black and white, or exchange the chosen color for another color, when shooting. See “Changing the Color and Shooting” (p. 93) for details.
Color Swap	

Under some conditions, colors may not turn out as expected in the and mode.

Downloaded From camera-usermanual.com Canon Manuals

Changing the Image Quality

You can choose between three image quality settings.

1 Choose the image quality.

- Press the (FUNC SET) button, then use the ▲▼ buttons or turn the dial to choose 1280, then press the (FUNC SET) button again.

2 Choose an option.

- Press the ▲▼ buttons or turn the dial to choose an option, and press the (FUNC SET) button.

▶ The setting will display on the screen.

Image Quality Table

Image Quality (Recording Pixels/Frame Rate)	Content
1280 1280 x 720 pixels, 30 frames/sec.	For shooting high-definition movies.
640 640 x 480 pixels, 30 frames/sec.	For shooting standard quality movies.
320 320 x 240 pixels, 30 frames/sec.	Since the number of recording pixels is smaller, the image quality will be lower than with 640, but you can record three times the length.

Estimated Shooting Time

Image Quality (Frame Rate)	Shooting Time	
	2 GB	8 GB
1280	10 min. 53 sec.	43 min. 32 sec.
640	23 min. 49 sec.	1 hr. 35 min. 11 sec.
320	1 hr. 13 min. 10 sec.	4 hrs. 52 min. 24 sec.

- Based on Canon's testing standards.
- Maximum clip length is approximately 10 minutes in 1280, 1 hour in 640 and 320. Recording also stops when the file size reaches 4 GB.
- Recording may stop even if the maximum clip length has not been reached on some memory cards. SD Speed Class 4 or higher memory cards are recommended.

Downloaded From camera-usermanual.com Canon Manuals

AE Lock/Exposure Shift

You can set the exposure or change it in 1/3 steps within a range of ±2.

1 Focus.

- Press the shutter button halfway to focus.

2 Lock the exposure.

- After releasing the shutter button, press the ▶ button to lock the exposure. The exposure shift bar appears.
- Press the ▶ button again to release the lock.

3 Change the exposure.

- While watching the screen, turn the dial to adjust the brightness.

4 Shoot.

Downloaded From camera-usermanual.com Canon Manuals

Other Shooting Functions

The following functions can be used in the same way as for still images. For and modes, the functions with an * attached can be used in the same way as for still images.

- **Zooming in More Closely on Subjects (Digital Zoom)** (p. 60)
  You can use the digital zoom, but the optical zoom cannot be used.
  If you want to shoot at the maximum zoom factor, you should adjust the optical zoom to the maximum before shooting.
  The sound of the zoom will be recorded.
- **Using the Self-Timer** (p. 63)*
- **Shooting Close-ups (Macro)** (p. 70)*
- **Shooting Far Away Subjects (Infinity)** (p. 71)*
- **Adjusting the White Balance** (p. 75)
- **Changing the Tone of an Image (My Colors)** (p. 77)
- **Shooting Using the Two Second Self-Timer** (p. 78)*
- **Shooting Using a TV Monitor** (p. 79)*
- **Shooting with the AF Lock** (p. 84)
- **Turning off the AF Assist Beam** (p. 143)*
- **Displaying the Overlay** (p. 145)*
  [3:2 Guide] is not available.
- **Changing the IS-Mode Settings** (p. 145)*
  You can switch between [Continuous] and [Off].

Downloaded From camera-usermanual.com Canon Manuals

Playback Functions

The following functions can be used in the same way as for still images.

- **Erasing Images** (p. 28)
- **Quickly Searching Images** (p. 106)
- **Viewing Images in Filtered Playback** (p. 108)
- **Viewing Slideshows** (p. 109)
- **Changing Image Transitions** (p. 113)
- **Viewing Images on a TV** (p. 115)
- **Protecting Images** (p. 117)
- **Erasing All Images** (p. 119)
- **Organizing Images by Category (My Category)** (p. 122)
- **Tagging Images as Favorites** (p. 124)
- **Rotating Images** (p. 125)

Summary for "Viewing Movies" (p. 33)

⮌	Exit
▶	Playback
▶|	Slow Motion Playback (you can use the ◀▶ buttons to adjust the speed. Sound will not play back.)
|◀◀	Display the first frame
◀|	Previous frame (Rewind if you hold down the FUNC. SET button.)
|▶	Next frame (Fast forward if you hold down the FUNC. SET button.)
▶▶|	Display the last frame
✂	Edit (p. 103)
🖶	Appears when connected to a PictBridge compliant printer (p. 29). Refer to the *Personal Printing Guide* for details.

Touch operations are not available while the movie operation panel appears on the screen.

Downloaded From camera-usermanual.com Canon Manuals

Editing

You can trim the beginnings and ends of recorded movies in one-second increments.

Movie Editing Panel

Movie Editing Bar

1 Choose ✂.

- Follow Step 3 on p. 33, choose ✂ from the movie control panel that appears and press the (FUNC SET) button.
- ▶ The movie editing panel and the movie editing bar will appear.

2 Set the editing range.

- Press the ▲▼ buttons and choose ⌈✂ or ✂⌋.
- Press the ◀▶ buttons or turn the ◎ dial to move ▮. ✂ will display at each one-second interval. If you choose ⌈✂, you can trim the beginning of the movie from ✂. If you choose ✂⌋, you can trim the end of the movie from ✂.
- ▶ Even if you move ▮ to a point other than a ✂ point, only the portion from the nearest ✂ to the left will be trimmed when ⌈✂ is chosen. Only the portion from the nearest ✂ to the right will be trimmed when ✂⌋ is chosen.
- ▶ The light gray section indicated with ▮ will be the section of the movie that remains after editing.

Downloaded From camera-usermanual.com Canon Manuals

3 Check the edited movie.

- Press the ▲▼ buttons to choose ▶ (Play), then press the (FUNC SET) button. The edited movie will play.
- To edit the movie again, repeat Step 2.
- To cancel editing, press the ▲▼ buttons, and choose ↩. After pressing the (FUNC SET) button, press the ◀▶ buttons or turn the dial to choose [OK], and press the (FUNC SET) button again.

4 Save the edited movie.

- Press the ▲▼ buttons to choose [icon], then press the (FUNC SET) button.
- Press the ◀▶ buttons or turn the dial to choose [New File], then press the (FUNC SET) button.
- ▶ The movie will be saved as a new file.

- When [Overwrite] is chosen in Step 4, the unedited movie is overwritten with the edited movie, erasing the original movie.
- When there is not enough space left on the memory card, only [Overwrite] can be chosen.
- If the battery is depleted partway through editing, the edited movie clips may not be saved. When editing movies, you should use a fully charged battery or the separately sold AC adapter kit (pp. 40, 150).

Downloaded From camera-usermanual.com Canon Manuals

7

Using Playback and Other Functions

The first part of this chapter explains various ways to play back and edit images. The latter part explains how to specify images for printing.

- Press the [▶] button to enter Playback mode before operating the camera.

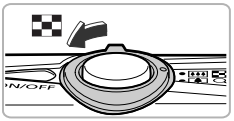
- It may not be possible to play back or edit images that have been edited on a computer, had their file name changed, or have been taken on a different camera.
- The edit function (pp. 126 – 131) cannot be used if the memory card does not have free space available.

Downloaded From camera-usermanual.com Canon Manuals

Quickly Searching Images

Searching Images Using Index Display

Displaying multiple images at a time lets you quickly find the image you want.



1 Display images in an index.

- Double tap the screen to display images in an index.
- The number of images increases each time you double tap the screen.
- You can also move the zoom lever toward to display images in an index. Move the zoom lever toward Q to reduce the number of images.

2 Change the displayed images.

- Quickly drag vertically to switch to the next set of images set in Step 1.
- You can also turn the dial or tilt the camera gently from your wrist (Active Display, p. 28) to switch to the next set of images.

3 Choose an image.

- Touching an image will display that image by itself.
- An orange frame appears on the chosen image.
- You can also drag across the screen or press the ▲▼◀▶ buttons choose an image.
- You can also press the FUNC SET button to display the chosen image by itself.

Since the camera uses a pressure sensitive touch panel, if the Index Display does not change as expected when you double tap the screen, try double tapping slightly harder or use the toggle attached to the strap to easily switch the display (p. 15).

Downloaded From camera-usermanual.com Canon Manuals

Searching Images by Scrolling

Dragging across the screen or turning ◎ will display images in a line (Scroll Display) letting you quickly search them. You can also jump by shooting date.

Choose an image.

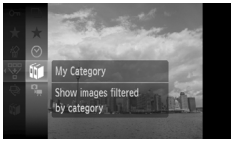
- You can switch between images in single image playback by dragging horizontally across the screen.
  Continuously dragging quickly across the screen will display the screen on the left.
- If you quickly drag vertically, you can search images by the shooting date.
- Touching the center image restores single image playback.
- You can also turn the ◎ dial to start Scroll Display. If you press the ▲▼ buttons, you can also search images by the shooting date. Pressing the (FUNC SET) button restores single image playback.

To turn off this effect, press the MENU button, then choose [Scroll Display] in the ▶ tab and choose [Off].

Downloaded From camera-usermanual.com Canon Manuals

Viewing Images in Filtered Playback

When there are many images on the memory card, you can filter and display them by a specified filter. You can also protect (p. 117) or delete (p. 119) all images at once while filtered.



1 Choose .

- Press the (FUNC SET) button to choose in the FUNC. menu, then press the (FUNC SET) button again.

2 Choose a filter.

- Press the ▲▼ buttons or turn the dial to choose a filter, then press the (FUNC SET) button.

3 View the filtered images.

- Press the ▲▼ buttons or turn the dial to choose a filter for playback, then press the (FUNC SET) button (unnecessary when ★ is selected).
- ▶ Filtered playback starts and a yellow frame appears.
- If you drag horizontally across the screen, only the images chosen in Step 2 will display.
- You can also press the ◀▶ buttons or turn the dial to choose the images.
- If you choose [All Images] in Step 2, filtered playback will be canceled.

Search by ★, , and

★ Favorites	Displays images tagged as favorites (p. 124).
Shot Date	Displays the images shot on a specified date
My Category	Displays the images of a specified category (p. 122)
File Type	Displays only still images or movies

What if you can't choose a filter?

Filters that do not contain any images cannot be chosen.

Downloaded From camera-usermanual.com Canon Manuals

Filtered Playback

You can filter images during a slideshow so that only certain images will play back. You can also use the following functions in filtered playback for processing all the filtered images at once.

- “Protecting Images” (p. 117), “Erasing All Images” (p. 119), “Printing from the Print List (DPOF)” (p. 132)

Viewing Slideshows

You can automatically play back images recorded to a memory card. Each image displays for approximately 3 seconds.

Start the slideshow.

- Drag as shown.

▶ The slideshow will start a few seconds after [Loading image…] displays.

- In filtered playback (p. 108), only images matching a filter play back.
- You can pause/restart a slideshow by pressing the (FUNC SET) button.
- Touch the screen or press the MENU button to stop the slideshow.
- You can also start a slideshow from the FUNC. menu (p. 47).

- If you press the ◀▶ buttons or turn the dial during playback, the image will switch. If you keep the ◀▶ buttons pressed, you can fast-forward through images.
- The power saving function does not work during slideshows (p. 53).

Downloaded From camera-usermanual.com Canon Manuals

Changing Settings

You can set a slideshow to repeat, or change transition effects and the time that slideshow images are displayed. You can choose from six transition effects when switching between images.

1 Choose [Slideshow].

- Press the MENU button, choose [Slideshow] from the ▶ tab and press the (FUNC SET) button.

2 Make the setting.

- Press the ▲▼ buttons or turn the dial to choose an item, and press the ◀▶ buttons to adjust the setting.
- If you choose [Start] and press the (FUNC SET) button, the slideshow starts with your settings.
- Pressing the MENU button will restore the menu screen.

You cannot change [Play Time] if [Bubble] is chosen in [Effect].

Downloaded From camera-usermanual.com Canon Manuals

Checking the Focus

You can magnify the area of a recorded image that was inside the AF Frame, or the area of a face that was detected, to check the focus.

1 Press the ▼ button, and switch to the focus check display (p. 45).

- A white frame will appear where the AF frame or face was when the focus was set.
- A gray frame will appear on a face detected during playback.
- The area within the orange frame appears magnified.

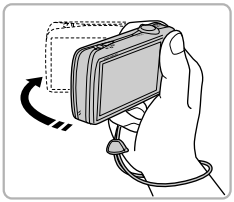
2 Switch frames.

- Move the zoom lever toward Q to change the display.
- The screen shown to the left will appear.
- Press (FUNC SET) to move to a different frame when multiple frames appear.

3 Change the magnification level or location.

- Use the zoom lever to change the display size, and the ▲▼◀▶ buttons to change the display position while checking the focus.
- Pressing the MENU button resets the display to Step 1.

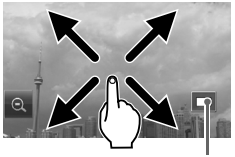
Quickly checking the focus (Active Display)



If you shake the camera gently as shown in the illustration, you can quickly switch to the focus check display. If you gently shake the camera again when multiple frames are displayed, you can switch to another frame. If you shake the camera again after you reach the last frame, you will cycle back to the first frame.

Downloaded From camera-usermanual.com Canon Manuals

Magnifying Images



Approximate Location of Displayed Area

Magnify an image.

- When you touch the screen, the display will zoom in on the image and will appear.
- Repeatedly touching the screen will zoom in on that part of the image up to a factor of 10x.
- If you drag across the screen, you can move the location of the displayed area.
- Double tapping the screen will return to single image playback.
- Touching the will reduce the magnification.
- You can also turn the dial or tilt the camera gently from your wrist (Active Display, p. 28) to switch between images at the same zoom factor.

- You can also zoom in on the image by moving the zoom lever toward Q. If you continue to hold the zoom lever, the display will continue to zoom in up to a factor of 10x. If you move the zoom lever toward , you can reduce the magnification. If you continue to hold the zoom lever, you will return to single image playback.
- While the image is magnified, you can also press the ▲▼◀▶ buttons to move the location of the displayed area.

Downloaded From camera-usermanual.com Canon Manuals

Changing Image Transitions

You can choose from three transition effects when switching between images in single image playback.

Choose [Transition].

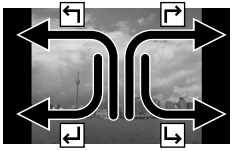
- Press the MENU button and choose the ▶ tab, then choose [Transition] and use the ◀▶ buttons to choose a transition effect.

Easy Operations with Touch Actions

In single image playback, you can quickly and easily call up functions that have been registered to each of four set dragging patterns (Touch Actions).

Use a Function Registered to ↰

- Drag across the screen as shown.
- ▶ The function registered to ↰ will be called up.
- You can change the functions registered to Touch Actions.



- By dragging across the screen as shown, you can also call up the functions registered to ↱, ↵ and ↳.

Downloaded From camera-usermanual.com Canon Manuals

Changing Touch Actions Registered Functions

You can register the functions you want to use easily to each of the drag patterns.

1 Choose [Set Touch Actions].

- Press the MENU button, choose the ▶ tab and [Set Touch Actions], and press the (FUNC SET) button.

2 Register a function to a drag pattern.

- Press the ▲▼ buttons or turn the ◎ dial to choose a drag pattern.
- Press the ◀▶ buttons to choose the function to register.

Functions that Can be Registered

Favorites	Tag or untag images as favorites.
Next Favorite	Switch to the next image tagged as a favorite
Previous Favorite	Switch to the previous image tagged as a favorite.
Next Date	Switch to first image with the next shooting date.
Previous Date	Switch to first image with the previous shooting date.
Slideshow	View a slideshow.
Erase	Erase an image.
Protect	Protect or unlock images.
Rotate	Rotate an image.

To turn off Touch Actions, follow Step 2 above and press the ▲▼ buttons or turn the ◎ dial to choose [Touch Actions], then use the ◀▶ buttons to choose [Off].

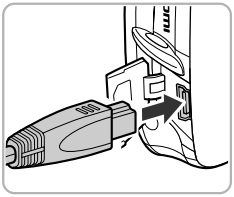
Downloaded From camera-usermanual.com Canon Manuals

Viewing Images on a TV

Using the supplied AV cable, you can connect the camera to a TV to view images you have shot.

Items to Prepare

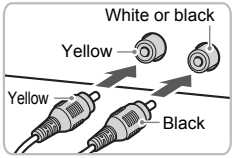
- Camera and TV
- AV cable supplied with the camera (p. 2)



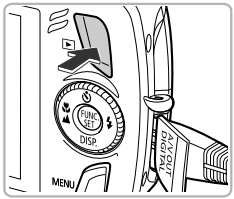
1 Turn off the camera and TV.

2 Connect the camera to the TV.

- Open the camera's terminal cover and fully insert the plug of the cable into the camera's terminal.
- Insert the cable plug fully into the video input terminals as shown in the illustration.



3 Turn on the TV and switch it to the input to which the cable is connected.



4 Turn on the camera.

- Press the ▶ button to turn on the camera.
- ▶ The image will appear on the TV (nothing will appear on the monitor of the camera).
- After you finish viewing, turn off the camera and TV, and unplug the AV cable.

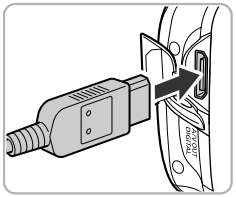
What if the images don't properly display on the TV?

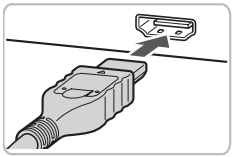
Images will not display correctly if the camera's video output setting (NTSC/PAL) does not match the TV system. Press the MENU button, choose the tab and [Video System] to switch to the correct video system.

Downloaded From camera-usermanual.com Canon Manuals

Viewing Images on a High-Definition TV

Use the separately sold HDMI cable HTC-100 to connect the camera to a high-definition TV for an enhanced viewing experience.





1 Turn off the camera and TV.

2 Connect the camera to the TV.

- Open the cover and fully insert the cable plug into the camera's HDMI terminal.
- Fully insert the cable plug into the TV's HDMI terminal.
- Follow Steps 3 – 4 on p. 115 to display the images.

Operation sounds will not play when connected to a high-definition TV.

Downloaded From camera-usermanual.com Canon Manuals

Protecting Images

You can protect important images so that they cannot be erased by the camera (pp. 28, 119).

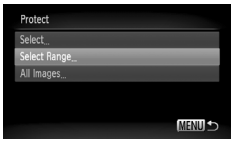
Choose .

- Press the (FUNC SET) button to choose in the FUNC. menu, then press the (FUNC SET) button again.
- Once set, will appear on the screen.
- To unlock an image, choose from the FUNC. menu and press the (FUNC SET) button.

If you format the memory card (pp. 22, 52), protected images will also be erased.

- Protected images cannot be erased with the camera's erase function. To erase an image, cancel protection first.
- You can also protect images using the following method. Press the MENU button, choose the ▶ tab, then choose [Protect]. Press the (FUNC SET) button to choose [Select] and press the (FUNC SET) button again, then press the ◀▶ buttons to choose an image and press the (FUNC SET) button.

Select Range



1 Choose [Protect].

- Press the MENU button, choose the ▶ tab and [Protect], and then press the (FUNC SET) button.

2 Choose [Select Range].

- Press the ▲▼ buttons or turn the dial to choose [Select Range] and press the (FUNC SET) button.
- Pressing the MENU button will restore the menu screen.

Downloaded From camera-usermanual.com Canon Manuals

3 Choose the starting image.

- Press the (FUNC SET) button.
- Drag horizontally across the screen to choose an image and press (FUNC SET) button.
- You can also press the ◀▶ buttons or turn the ◎ dial to choose an image.

4 Choose the ending image.

- Press the ▶ button, choose [Last image] and press the (FUNC SET) button.
- Drag horizontally across the screen to choose an image and press (FUNC SET) button.
- You can also press the ◀▶ buttons or turn the ◎ dial to choose an image.
- You cannot choose images before the first image.

5 Protect images.

- Press the ▼ button, choose [Protect] and press the (FUNC SET) button.

Choose images with the ◎ dial

You can also choose the first or last image by turning the ◎ dial when the upper screen in Steps 3 and 4 is displayed.

Downloaded From camera-usermanual.com Canon Manuals

Choose All Images

1 Choose [All Images].

- Follow Step 2 on p. 117 to choose [All Images] and press the (FUNC SET) button.

2 Protect images.

- Press the ▲▼ buttons or turn the dial to choose [Protect] and press the (FUNC SET) button.

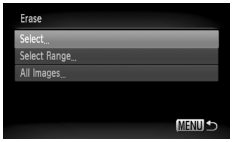
You can unlock groups of protected images if you choose [Unlock] in Step 5 while in [Select Range], or Step 2 while in [All Images].

Erasing All Images

You can choose images and erase them in groups. Since erased images cannot be recovered, exercise adequate caution before erasing. Protected images (p. 117) cannot be erased.

1 Choose [Erase].

- Press the MENU button, choose the ▶ tab and [Erase], and press the (FUNC SET) button.



2 Choose a selection method.

- Press the ▲▼ buttons or turn the dial to choose a selection method, and press the (FUNC SET) button.

Downloaded From camera-usermanual.com Canon Manuals

Choosing Images Individually

1 Choose [Select].

- Follow Step 2 on p. 119 to choose [Select] and press the (FUNC SET) button.

2 Choose images.

- Drag horizontally across the screen to choose an image and press (FUNC SET) button.
- You can also press the ◀▶ buttons or turn the dial to choose an image.
- Once set, ✓ will appear on the screen.
- Pressing the (FUNC SET) button once more will cancel the selection, and ✓ will disappear.
- To choose multiple images, repeat the above operation.

3 Press the MENU button.

4 Erase.

- Press the ◀▶ buttons or turn the dial to choose [OK] and press the (FUNC SET) button.

Downloaded From camera-usermanual.com Canon Manuals

Select Range

1 Choose [Select Range].

- Follow Step 2 on p. 119 to choose [Select Range] and press the (FUNC SET) button.
- Follow Steps 3 and 4 on p. 118 to choose images.

2 Erase.

- Press the ▼ button to choose [Erase], then press the (FUNC SET) button.

Choose All Images

1 Choose [All Images].

- Follow Step 2 on p. 119 to choose [All Images] and press the (FUNC SET) button.

2 Erase.

- Press the ◀▶ buttons or turn the dial to choose [OK] and press the (FUNC SET) button.

Downloaded From camera-usermanual.com Canon Manuals

Organizing Images by Category (My Category)

You can organize images in categories. You can display the images in a category in Filtered Playback (p. 108) and process all images at once by using the functions below.

- "Viewing Slideshows" (p. 109), "Protecting Images" (p. 117), "Erasing All Images" (p. 119), "Choosing Images for Printing (DPOF)" (p. 134)

1 Choose .

- Press the (FUNC SET) button to choose in the FUNC. menu, then press the (FUNC SET) button again.

2 Make the setting.

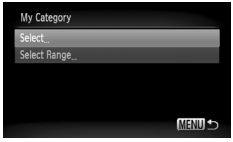
- Press the ▲▼ buttons to choose a category, then press the (FUNC SET) button.
- ▶ Once set, ✓ will appear on the screen.

Images are automatically categorized by shooting condition as they are shot.
: Images with detected faces, or images shot in , , modes.
: Images detected as or in AUTO mode, or images shot in , or .
: Images shot in , , , , .

Using the Menu

1 Choose [My Category].

- Press the MENU button, choose the ▶ tab and [My Category], and press the (FUNC SET) button.



2 Choose a selection method.

- Press the ▲▼ buttons or turn the dial to choose a selection method and press the (FUNC SET) button.
- Pressing the MENU button will restore the menu screen.

Downloaded From camera-usermanual.com Canon Manuals

Choosing Images Individually

Choose [Select].

- Follow Step 2 on p. 122 to choose [Select] and press the (FUNC SET) button.
- Drag horizontally across the screen to choose an image and press (FUNC SET) button.
- You can also press the ◀▶ buttons or turn the dial to choose an image.
- Press the ▲▼ buttons, choose a category and press the (FUNC SET) button.
- ▶ Once set, ✓ will appear on the screen.
- Pressing the (FUNC SET) button again deselects the category and ✓ disappears.
- To choose multiple images, repeat the above operation.

Select Range

1 Choose [Select Range].

- Follow Step 2 on p. 122 to choose [Select Range] and press the (FUNC SET) button.
- Follow Steps 3 and 4 on p. 118 to choose images.
- Press the ▼ button, choose the item and press the ◀▶ buttons, or turn the dial to choose a type.

2 Choose the setting.

- Press the ▼ button to choose [Select] and press the (FUNC SET) button.

If you choose [Deselect] in Step 2, you can deselect all of the images in the [Select Range] category.

Downloaded From camera-usermanual.com Canon Manuals

Tagging Images as Favorites

When you tag images as favorites, you can perform operations on just those images, or only display those images for easy viewing (p. 108).

1 Select an image.

- Drag horizontally across the screen to choose an image.
- You can also press the ◀▶ buttons or turn the dial to choose an image.

2 Tag an image as a favorite.

- Drag as shown.
- ▶ When you view a tagged image in Detailed Information Display, ★ will appear on the screen.
- Drag again to untag the image.

If you use Windows Vista and transfer tagged images to the computer, they will be given a star rating of 3 (★★★☆☆). If you change their star ratings with the computer to anything other than 0 or 3 and transfer the images back to the camera, you will not be able to untag the images as a favorites (★ will be grayed out).

- If you chose ★ in the FUNC. menu and press the FUNC. SET or MENU buttons, you will not be able to tag or untag images as favorites even if you choose [Favorites] in the ▶ tab and press the FUNC. SET button.
- Confirm that [Favorites] has been registered to Touch Actions (p. 113).

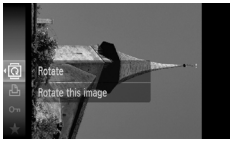
Easily display images tagged as favorites

In Playback mode, if you drag as shown ↱, only images tagged as favorites will be displayed.

Downloaded From camera-usermanual.com Canon Manuals

Rotating Images

You can change the orientation of an image and save it. Movies with a resolution of 1280 cannot be rotated.



1 Choose .

- Press the (FUNC. SET) button to choose in the FUNC. menu, then press the (FUNC. SET) button again.

2 Rotate the image.

- Press the ◀▶ buttons, the image will rotate 90° in the chosen direction.
- Press the (FUNC. SET) button to make the setting.

Using the Menu

1 Choose [Rotate].

- Press the MENU button, choose the ▶ tab and [Rotate], and press the (FUNC. SET) button.

2 Rotate the image.

- Drag horizontally across the screen to choose an image.
- You can also press the ◀▶ buttons or turn the dial to choose an image.
- ▶ The image will rotate 90° with each press of the (FUNC. SET) button.
- Pressing the MENU button will restore the menu screen.

Downloaded From camera-usermanual.com Canon Manuals

Resizing Images

You can resize images to a lower pixel setting and save the resized image as a separate file.

1 Choose [Resize].

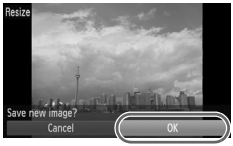
- Press the MENU button and choose the ▶ tab, then choose [Resize] and press the FUNC/SET button.

2 Choose an image.

- Drag horizontally across the screen to choose an image.
- You can also press the ◀▶ buttons or turn the dial to choose an image.

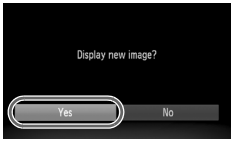
3 Choose an image size.

- Press the ◀▶ buttons or turn the dial to choose an option, then press the FUNC/SET button.
- ▶ The [Save new image?] screen will appear.



4 Save the new image.

- Press the ◀▶ buttons or turn the dial to choose [OK] and press the FUNC/SET button.
- ▶ The image will be saved as a new file.



5 Display the new image.

- When you press the MENU button, the [Display new image?] screen will appear.
- Press the ◀▶ buttons or turn the dial to choose [Yes] and press the FUNC/SET button.
- ▶ The saved image will display.

- You cannot resize an image to a larger size.
- You cannot resize images taken with the M and XS settings.

Downloaded From camera-usermanual.com Canon Manuals

Trimming

You can cut out a portion of a recorded image and save it as a new image file.

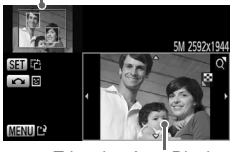
1 Choose [Trimming].

- Press the MENU button, choose the ▶ tab and [Trimming], then press the FUNC SET button.

2 Choose an image.

- Drag horizontally across the screen to choose an image.
- You can also press the ◀▶ buttons or turn the dial to choose an image.

Trimming Area



Trimming Area Display

3 Adjust the trimming area.

- A frame will appear around the portion of the image to be trimmed.
- The original image will display in the upper left and the trimmed image will display in the lower right.
- If you move the zoom lever to the left or right, you can change the frame size.
- If you press the ▲▼◀▶ buttons, you can move the frame.
- If you press the FUNC SET button, you can change the frame size.
- In an image with detected faces, gray frames appear around the faces located in the upper left image. The frames can be used for trimming. You can switch between frames by turning the dial.
- Press the MENU button.

Recorded pixels after trimming

Downloaded From camera-usermanual.com Canon Manuals

4 Save as a new image and display.

- Perform Steps 4 and 5 on p. 126.

- W, S, and XS images cannot be trimmed.
- The width and height ratio of an image that can be changed is fixed at 4:3 (for a vertical image 3:4).
- The number of recorded pixels in a trimmed image will be smaller than before trimming.

Downloaded From camera-usermanual.com Canon Manuals

Adding Effects with the My Colors Function

You can change the color of an image and save it as a separate image. Refer to p. 77 for details on each menu item.

1 Choose [My Colors].

- Press the MENU button, choose the ▶ tab and [My Colors], and press the FUNC SET button.

2 Choose an image.

- Drag horizontally across the screen to choose an image.
- You can also press the ◀▶ buttons or turn the ◎ dial to choose an image.

3 Choose a menu option.

- Press the ◀▶ buttons or turn the ◎ dial to choose an option.
- If you move the zoom lever, you can zoom in on or out from images.
- If you press the FUNC SET button during magnified display, you can switch to the original image. Pressing the MENU button restores the menu screen.
- Press the FUNC SET button.

4 Save as a new image and display.

- Perform Steps 4 and 5 on p. 126.

- If you repeatedly change the color of an image, the quality will gradually deteriorate and you may not achieve the expected color.
- The coloration of images changed with this function may vary from those recorded with the My Colors function (p. 77).

Downloaded From camera-usermanual.com Canon Manuals

Correcting the Brightness (i-Contrast)

The camera can detect areas in an image, such as faces or backgrounds, that are too dark and automatically adjust them to the optimum brightness. Also, when the overall image is lacking in contrast, the camera will automatically correct the image for a sharper impression.

1 Choose [i-Contrast].

- Press the MENU button, choose the ▶ tab and [i-Contrast], then press the FUNC SET button.

2 Choose an image.

- Drag horizontally across the screen to choose an image, then press the FUNC SET button.
- You can also press the ◀▶ buttons or turn the dial to choose an image.

3 Choose a menu item.

- Press the ◀▶ buttons or turn the dial to choose an option, then press the FUNC SET button.

4 Save as a new image and display.

- Perform Steps 4 and 5 on p. 126.

What if the image wasn't corrected by the [Auto] option as well as you would like?

Choose [Low], [Medium] or [High] and adjust the image.

- Under some conditions, the image may appear coarse or the exposure setting may not be suitable.
- Repeatedly adjusting the same image may cause the quality to deteriorate.

Downloaded From camera-usermanual.com Canon Manuals

Correcting the Red-Eye Effect

You can automatically correct red eyes in images and save them as new files.

1 Choose [Red-Eye Correction].

- Press the MENU button, choose the ▶ tab and [Red-Eye Correction], then press the (FUNC SET) button.
- ▶ The [Red-Eye Correction] screen will appear.

2 Choose an image.

- Drag horizontally across the screen to choose an image.
- You can also press the ◀▶ buttons or turn the ◎ dial to choose an image.

3 Correct the image.

- Press the (FUNC SET) button.
- ▶ Red-eye detected by the camera will be corrected and a frame will appear around the corrected portion.
- If you move the zoom lever, you can zoom in on or out from images.

4 Save as a new image and display.

- Press the ▲▼◀▶ buttons, or turn the ◎ dial to choose [New File], and press the (FUNC SET) button.
- ▶ The image will be saved as a new file.
- Perform Step 5 on p. 126.

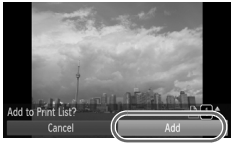
- Some images may not be properly corrected.
- When [Overwrite] in Step 4 is chosen, the uncorrected image is overwritten with the corrected data, erasing the original image.
- Protected images cannot be overwritten.

Downloaded From camera-usermanual.com Canon Manuals

Printing from the Print List (DPOF)

You can add images to the print list (DPOF) directly after shooting or while in playback with the FUNC. menu. You can print from a print list simply by connecting your camera and printer. These selection methods comply with the DPOF (Digital Print Order Format) standards.

Easily Add Images to the Print List



1 Choose an image.

- Drag horizontally across the screen to choose an image.
- You can also press the ◀▶ buttons or turn the dial to choose an image.

2 Choose 🖨 (videos will be excluded).

- Press the (FUNC SET) button to choose 🖨 in the FUNC. menu, then press the (FUNC SET) button again.

3 Print list.

- Press the ▲▼ buttons and choose the number of prints, press the ◀▶ buttons or turn the dial to choose [Add] and press the (FUNC SET) button.
- To remove an image from the print list, select the added image and follow Step 2, then press the ◀▶ buttons or turn the dial to select [Remove] and press the (FUNC SET) button.

Downloaded From camera-usermanual.com Canon Manuals

Print Added Images

The following examples use the Canon SELPHY series printers. Please also refer to the *Personal Printing Guide*.

1 Connect the camera to the printer (p. 29).

2 Print.

- Press the ▲▼ buttons, choose [Print now] and press the (FUNC SET) button.
- ▶ Printing will start.
- If you stop the printer during printing and start again, it will start from the next print.

Downloaded From camera-usermanual.com Canon Manuals

Choosing Images for Printing (DPOF)

You can choose up to 998 images on a memory card for printing and specify the number of print copies so that they can be printed together or processed at a photo developer service. These selection methods comply with the DPOF (Digital Print Order Format) standards.

Print Settings

You can set the print type, date and file number. These settings apply to all images chosen for printing.

1 Choose [Print Settings].

- Press the MENU button and choose the tab, then choose [Print Settings] and press the (FUNC SET) button.

2 Adjust the settings.

- Press the ▲▼ buttons or turn the dial to choose a menu item, then press the ◀▶ buttons to choose an option.
- Pressing the MENU button accepts the settings and restores the menu screen.

Print Type	Standard	Prints one image per page.
	Index	Prints several reduced size images per page.
	Both	Prints both standard and index formats.
Date	On	Prints the date from the shooting information.
	Off	–
File No.	On	Prints the file number.
	Off	–
Clear DPOF data	On	Removes all print settings after printing.
	Off	–

- Some printers or photo developer services may not be able to reflect all of the print settings in the output.
- may appear when using a memory card with print settings set by a different camera. These settings will be overwritten with those set by your camera.
- Images with the date embedded always print with the date, regardless of the [Date] setting. As a result, some printers may print the date twice on these images if [Date] is also set to [On].

Downloaded From camera-usermanual.com Canon Manuals

- With [Index] chosen, the [Date] and [File No.] options cannot be set to [On] at the same time.
- The date will be printed in the style set in the [Date/Time] function in the tab (p. 20).

Choosing the Number of Copies

1 Choose [Select Images & Qty.].

- Press the MENU button and choose the tab, then choose [Select Images & Qty.] and press the (FUNC SET) button.

2 Choose an image.

- Drag horizontally across the screen to choose an image.
- You can also press the ◆ buttons or turn the dial to choose an image.
- ▶ You will be able to set the number of print copies.
- If you choose [Index], ✓ appears on the screen. Pressing the (FUNC SET) button again will deselect the image and ✓ will disappear.

3 Set the number of prints.

- Press the ▲▼ buttons or turn the dial to set the number of prints (maximum 99).
- Repeat Steps 2 and 3 to choose other images and the number of prints for each.
- You cannot set the number of print copies for index prints. You can only choose which images to print.
- Press the MENU button to accept the settings and restore the menu screen.

Downloaded From camera-usermanual.com Canon Manuals

Select Range

1 Choose [Select Range].

- Choose [Select Range] in Step 1 on p. 135 and press the (FUNC SET) button.
- Choose images according to Steps 3 and 4 on p. 118.

2 Make print settings.

- Press the ▲▼ buttons, choose [Order] and press the (FUNC SET) button.

Set All Images to Print Once

1 Choose [Select All Images].

- Choose [Select All Images] in Step 1 on p. 135 and press the (FUNC SET) button.

2 Make print settings.

- Press the ◀▶ buttons or turn the dial to choose [OK] and press the (FUNC SET) button.

Clearing All Selections

1 Choose [Clear All Selections].

- Choose [Clear All Selections] in Step 1 on p. 135, and press the (FUNC SET) button.

2 All selections will be cleared.

- Press the ◀▶ buttons or turn the dial to choose [OK], then press the (FUNC SET) button.

Downloaded From camera-usermanual.com Canon Manuals

8

Customizing the Camera

You can customize various functions to suit your shooting preferences. The first part of this chapter explains convenient and commonly used functions. The latter part explains how to change shooting and playback settings to suit your purposes.

Downloaded From camera-usermanual.com Canon Manuals

Changing Functions

You can customize convenient and commonly used functions from the tab.

Turning off Hints & Tips

When you make a setting by touching the screen in a Shooting mode, or choose an item in the FUNC. menu (p. 47) or MENU (p. 48) using the ▲▼◀▶ buttons, hints and tips display. You can turn off this function.

- Choose [Hints & Tips], then press the ◀▶ buttons to choose [Off].

Changing the File Number Assignment

Images you shoot are automatically assigned file numbers in the order they were taken, from 0001 – 9999, and saved to folders of up to 2,000 images. You can change the file number assignment.

- Choose [File Numbering], then press the ◀▶ buttons to choose an option.

Continuous	Even if you shoot using a new memory card, the file numbers are assigned consecutively until an image with the number 9999 is taken/saved.
Auto Reset	If you replace the memory card with a new one, file numbering begins with 0001 again.

- If you use a memory card already containing images, the newly assigned file numbers may continue the existing numbering for both the [Continuous] and [Auto Reset] settings. If you want to start over with file number 0001, format the memory card before use (pp. 22, 52).
- Refer to the *Software Guide* for information regarding folder structure or image types.

Downloaded From camera-usermanual.com Canon Manuals

Creating a Folder by Shooting Date

Images are saved into folders created each month, however, you can also create folders by shooting date.

- Choose [Create Folder], then press ◀▶ buttons to choose [Daily].
- Images will be saved into folders created on each shooting date.

Changing the Lens Retract Time

For safety reasons, the lens retracts about 1 minute after pressing the ▶ button when in a Shooting mode (p. 53). You can set the retraction time to [0 sec.].

- Choose [Lens Retract], then press the ◀▶ buttons to choose [0 sec.].

Downloaded From camera-usermanual.com Canon Manuals

Turning off the Power Saving Function

You can set the power saving function (p. 53) to [Off]. Setting it to [On] is recommended to save battery power.

- Choose [Power Saving], then press the (FUNC SET) button.
- Press the ▲▼ buttons or turn the dial to choose [Auto Power Down], then use the ◀▶ buttons to choose [Off].
- If you set the power saving function to [Off], be careful not to forget to turn off the camera after use.

Setting the Screen Shut-Off Time

You can adjust the time the screen takes to shut off automatically (p. 53). This also works when [Auto Power Down] is set to [Off].

- Choose [Power Saving], then press the (FUNC SET) button.
- Press the ▲▼ buttons or turn the dial to choose [Display Off], then use the ◀▶ buttons to choose a time.
- In order to save battery power, it is recommended to choose less than [1 min.].

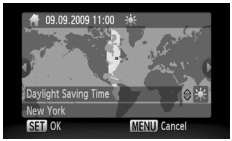
Downloaded From camera-usermanual.com Canon Manuals

Using the World Clock

When traveling abroad, you can record images with local dates and times simply by switching the time zone setting if you pre-register the destination time zones. You can enjoy the convenience of not having to switch the Date/Time settings.

1 Set the home time zone.

- Choose [Time Zone] and press the (FUNC SET) button.
- When setting this for the first time, check the information that displays on the screen at the left, and press the (FUNC SET) button.
- Press the ◀▶ buttons or turn the dial to choose the home time zone, then press the (FUNC SET) button. To set daylight saving time (adds 1 hour), press the ▲▼ buttons to choose ☀.

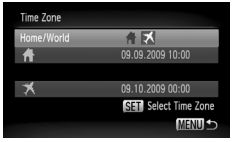


2 Set the world time zone.

- Press the ▲▼ buttons or turn the dial to choose ✈, then press the (FUNC SET) button.
- Press the ◀▶ buttons or turn the dial to choose the destination time zone, then press the (FUNC SET) button.
- You can also set the daylight saving time as in Step 1.

3 Choose the world time zone.

- Press the ▲▼ buttons or turn the dial to choose [Home/World].
- Press the ◀▶ buttons to choose ✈, then press the MENU button.
- ✈ will appear in the [Time Zone] or shooting screen (p. 44).

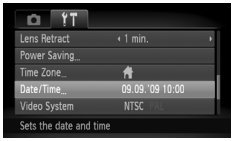


If you change the date or time in the ✈ setting, (p. 20) your 🏠 time and date will automatically change.

Downloaded From camera-usermanual.com Canon Manuals

Changing the Date and Time

You can change the date and time settings.

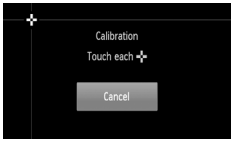


- Choose [Date/time], then press the (FUNC SET) button.
- Press the ◀▶ buttons to select an item, then use the ▲▼ buttons or turn the ◎ dial to choose a value.

Calibrating the Touch Panel

You can calibrate the touch panel if you are having difficulty choosing items or buttons. Be sure to use the toggle attached to the strap to calibrate the touch panel.

- Choose [Calibration], then press the (FUNC SET) button.



- Use the toggle attached to the strap to touch ✛ that appears on the screen (p. 15).
- Follow the on-screen instructions and touch the screen four times in the following order: in the upper left, lower left, lower right and upper right parts of the screen.

Only use the attached toggle to perform operations. Do not use other objects, such as pens or pencils.

Downloaded From camera-usermanual.com Canon Manuals

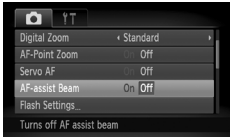
Changing Shooting Functions

If you set the mode switch to 📷, and the mode to **P**, you can change the settings in the 📷 tab (p. 48).

Before attempting to shoot using a function explained in this chapter in modes other than **P** mode, check if the function is available in those modes (pp. 156 – 159).

Turning off the AF Assist Beam

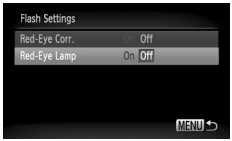
The lamp will automatically light to assist focusing in low light conditions when you press the shutter button halfway. You can turn off the lamp.



- Choose [AF-assist Beam], then press the ◀▶ buttons to choose [Off].

Turning off the Red-Eye Reduction Function

The red-eye reduction lamp lights in order to reduce the red-eye effect that occurs when shooting in dark conditions with the flash. You can turn off this function.



- Choose [Flash Settings], then press the FUNC SET button.
- Press the ▲▼ buttons or turn the dial to choose [Red-Eye Lamp], then press the ◀▶ buttons to choose [Off].

Downloaded From camera-usermanual.com Canon Manuals

Changing the Image Display Time

You can change the length of time the images display directly after shooting.

- Choose [Review], then press the ◀▶ buttons to choose an option.

2 – 10 sec.	Displays images for the set time.
Hold	The image displays until you press the shutter button halfway.
Off	No image displays

Changing the Way the Image Displays Right After Shooting

You can change the way the image displays after shooting.

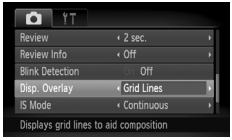
- Choose [Review Info], then press the ◀▶ buttons to choose an option.

Off	Only displays the image taken.
Detailed	Displays detailed information (p. 45).
Focus Check	The area inside the AF frame is magnified, allowing you to check the focus. The procedure is the same as in “Checking the Focus” (p. 111).

Downloaded From camera-usermanual.com Canon Manuals

Displaying the Overlay

You can display gridlines for vertical and horizontal guidance, or a 3:2 guide to confirm the printable area for postcard size prints.

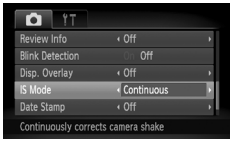


- Choose [Disp. Overlay], then press the ◀▶ buttons to choose an option.

Grid Lines	A grid overlays the display.
3:2 Guide	The areas outside the 3:2 range are grayed out. This area will not print when printing on paper with a 3:2 aspect ratio.
Both	Both grid lines, and the 3:2 guide will display.

- In W mode, you cannot set [3:2 Guide] or [Both].
- Grid Lines will not be recorded on the image.
- The gray areas displayed with [3:2 Guide] are the areas that will not be printed. The actual image recorded will include the portion in the gray areas.

Changing the IS-Mode Settings



- Choose [IS Mode], then press the ◀▶ buttons to choose an option.

Continuous	Image stabilization is always on. You can confirm the result directly on the display, which makes it easier to check the composition or focus.
Shoot Only	Image stabilization is only active at the moment of shooting.
Panning	Image stabilization only counters up and down motion. This option is recommended for shooting objects moving horizontally.

- If camera shake is too strong, attach the camera to a tripod. It is recommended to set the IS Mode to [Off] when the camera is attached to a tripod.
- When using [Panning], hold the camera horizontally. Image stabilization does not work when the camera is held vertically.

Downloaded From camera-usermanual.com Canon Manuals

Changing Playback Functions

You can adjust the settings in the ▶ tab by pressing the ▶ button (p. 48).

Turning Off Active Display

You can turn off Active Display so that gently shaking or tilting the camera does not perform any of the following operations.

- Switching images quickly (p. 27)
- Switching images (p. 28, 107, 112)
- Playing/stopping movies (p. 33)
- Checking the focus (p. 111)

- Choose [Active Display], then press the ◀▶ buttons to choose an option.
- Press the ◀▶ buttons to choose [Off].

Choosing the Image that First Displays in Playback

- Choose [Resume], then press the ◀▶ buttons to choose an option.

Last seen	Resumes with the image last viewed.
Last shot	Resumes with the most recently shot image.

Downloaded From camera-usermanual.com Canon Manuals

Changing the Start-up Image or Sound

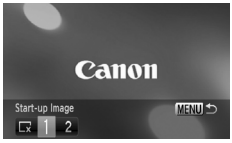
In the tab, you can set one of your recorded images as the start-up image when the camera power is turned on, or change the sounds played for each camera operation.

Change Sounds

- Choose [Sound Options], then press the FUNC SET button.
- Press the ▲▼ buttons or turn the dial to choose an option.
- Press the ◀▶ buttons to choose a setting.

1	Preset sounds.
2	You can register your sounds using the supplied software (p. 148).

Changing the Start-up Screen



- Choose [Start-up Image], then press the FUNC SET button.
- Press the ◀▶ buttons to choose a setting.

	No start-up image.
1	Preset images.
2	You can register your images.

Downloaded From camera-usermanual.com Canon Manuals

Registering the Start-up Screen

When you press the ▶ button and set the camera to Playback mode, you can register sounds and images.

- Choose [Start-up Image], then press the (FUNC SET) button.
- Press the ◀▶ buttons to choose [2], then press the (FUNC SET) button.

- Drag horizontally across the screen to choose an image.
- You can also press the ◀▶ buttons or turn the ◎ dial to choose an image.
- Press the ◀▶ buttons or turn the ◎ dial to choose [OK], then press the (FUNC SET) button to complete registration.

Register images or sounds saved on a computer

You can register images or sounds to the camera using the included software. Refer to the *Software Guide* for details.

Any previously registered start-up image will be overwritten when registering a new start-up image.

Downloaded From camera-usermanual.com Canon Manuals

9

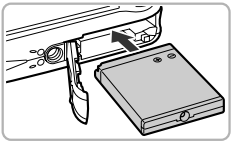
Useful Information

This chapter introduces how to use the AC adapter kit (sold separately), troubleshooting tips and contains lists of functions. The index also appears at the end.

Downloaded From camera-usermanual.com Canon Manuals

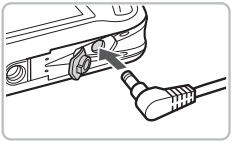
Using Household Power

If you use AC Adapter Kit ACK-DC40 (sold separately), you can use the camera without worrying about how much charge is left in the battery.



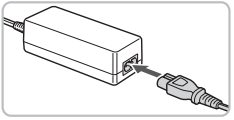
1 Insert the coupler.

- Open the cover (p. 18) and insert the coupler as shown until it locks into place with a click.
- Close the cover (p. 18).



2 Plug the cord into the coupler.

- Open the cover and fully insert the plug into the coupler.



3 Connect the power cord.

- Connect the power cord to the compact power adapter, then plug the other end into a power outlet.
- You can turn the camera on to use it.
- After you finish, turn off the camera and unplug the power cord from the power outlet.

Do not unplug the plug and power cord with the camera turned on. This could erase images you have taken or damage the camera.

The AC adapter kit can also be used when abroad

The AC adapter kit can be used in regions that have 100 – 240 V (50/60 Hz) AC power. If the plug does not fit the outlet, use a commercially available plug adapter. Do not use devices such as electrical transformers for foreign travel because they will cause malfunctions.

Downloaded From camera-usermanual.com Canon Manuals

Troubleshooting

If you think there is a problem with the camera, first check the following. If the items below do not solve your problem, contact a Canon Customer Support Help Desk as listed on the included customer support list.

Power

You pressed the ON/OFF button, but nothing happened.

- Confirm that the battery is properly inserted (p. 18).
- Confirm that the memory card/battery cover is securely closed (p. 18).
- If the battery terminals are dirty, battery performance will decrease. Clean the terminals with a cotton swab and re-insert the battery several times.

Battery is consumed quickly.

- Battery performance decreases at low temperatures. Warm the battery by placing it, for example, in your pocket with the terminal cover on.

Lens will not retract.

- Do not open the memory card/battery cover while the power is on. After closing the memory card/battery cover, turn the power on then back off (p. 18).

TV output

Image is distorted or not showing on TV (p. 115).

Shooting

Cannot shoot.

- Set the mode switch to AUTO or (p. 42).
- When in Playback mode (p. 27), press the shutter button halfway (p. 23).

Screen does not display properly in dark places (p. 46).

Screen does not display properly while shooting.

Please note, the following will not be recorded in still images, but will be recorded in movies.

- When the camera is subjected to powerful light sources, the display may darken.
- Under fluorescent lighting, the screen may flicker.
- When shooting bright light sources, a bar of light (purplish red) may appear on the screen. This may not be very noticeable if using exposure compensation (p. 100) when shooting a movie.

appears on the screen and the shot cannot be taken even though the shutter button was pressed fully (p. 26).

appears when the shutter button was pressed halfway (p. 59).

- Set the [IS mode] to [Continuous] (p. 145).
- Set the flash to (p. 69).
- Increase the ISO speed (p. 74).
- Attach the camera to a tripod.

Downloaded From camera-usermanual.com Canon Manuals

Image is blurred.
- Press the shutter button halfway to focus on the subject, then press fully to shoot (p. 23).
- Shoot the subject within the focusing distance (p. 163).
- Set the [AF-assist Beam] to [On] (p. 143).
- Confirm that functions which you do not intend to use (macro, etc.) are not set.
- Shoot using the focus lock or AF lock (pp. 80, 84).

Even when you press the shutter button halfway, the AF frame does not appear, and the camera does not focus.
- If you center on the light and dark contrasting area of the subject and push the shutter button halfway, or repeatedly push the shutter button halfway, the frame will appear and the camera will focus.

Subject is too dark.
- Set the flash to ⚡ (p. 69).
- Adjust the brightness with exposure compensation (p. 69).
- Adjust the brightness with the i-Contrast function (pp. 90, 130).
- Use the AE lock, or spot metering to shoot (p. 88).

Subject is too bright (overexposed).
- Set the flash to ⊗ (p. 59).
- Adjust the brightness with exposure compensation (p. 69).
- Use the AE lock, or spot metering to shoot (p. 88).
- Reduce the light illuminating the subject.

Image is dark even though the flash fired (p. 26).
- Increase the ISO speed (p. 74).
- Shoot within an appropriate distance for flash photography (p. 69).

Image taken using the flash is too bright (overexposed).
- Shoot within an appropriate distance for flash photography (p. 69).
- Set the flash to ⊗ (p. 59).

White dots appear on the image when shooting with the flash.
- Light from the flash has reflected off dust particles or other objects in the air.

Image appears rough or grainy.
- Shoot with the ISO speed on a lower setting (p. 74).
- Depending on the Shooting mode, when shooting in a high ISO speed the image may appear rough or grainy (p. 58).

Eyes appear red (p. 91).
- Set the [Red-Eye Lamp] to [On] (p. 143). When shooting with the flash, the lamp (on the front of the camera) lights (p. 42), and for approximately 1 second while the camera is reducing red-eye, it is not possible to shoot. It is more effective if the subject is looking directly at the lamp. Even better results can be obtained by increasing the lighting in indoor settings or approaching closer to the subject.

Recording images to the memory card takes a long time, or continuous shooting slows down.
- Perform a low-level format of the memory card in the camera (p. 52)

Downloaded From camera-usermanual.com Canon Manuals

When you can't make settings for shooting functions or FUNC. menu.
- The items in which settings can be made differ depending on the shooting mode. Refer to "Functions Available in Each Shooting Mode" (pp. 156 – 159).

Shooting movies

Correct shooting time does not display, or stops.
- Format the memory card in the camera (p. 52), or use a memory card capable of recording at high speeds. Even when the shooting time does not display properly, the recorded video will be the length that it was actually shot (p. 32).

! appeared on the LCD monitor, and shooting ended automatically.
The camera's internal memory was insufficient. Try one of the following.
- Perform a low-level format of the memory card in the camera (pp. 22, 52).
- Change the compression ratio (p. 99).
- Use a memory card capable of recording at high speeds (p. 99).

Zoom does not operate.
- You can use the digital zoom while recording, but not the optical zoom (p. 101).

Playback

Cannot play back images or movies.
- If the file name or folder structure is changed on a computer, you may not be able to play back images or movies. Refer to the *Software Guide* for information regarding folder structure or file names.

Playback stops, or audio cuts out.
- Use a memory card that has been formatted on this camera (pp. 22, 52).
- If you copy a movie to a memory card that reads slowly, playback may interrupt momentarily.
- Depending on its capabilities, the computer may drop frames, or the audio may cut out, when playing movies.

Touch operations do not work as expected.
- Since the camera uses a pressure sensitive touch panel, try touching the screen slightly harder or use the toggle attached to the strap (p. 15).
- Calibrate the touch panel (p. 142).

! appears in the upper right of the screen.
- Your finger is touching the upper right part of the screen. Take your finger off the screen.

Computer

Cannot transfer images to a computer.
The problem may be solved by performing the following operations to slow down transfer speed when the camera is connected to a computer by a cable.
- Disconnect the cable, press and hold down the MENU button, then press the ▲ and (FUNC SET) buttons simultaneously. Choose [B] when it appears on the screen, then press the (FUNC SET) button.

Downloaded From camera-usermanual.com Canon Manuals

List of Messages that Appear on the Screen

If error messages appear on the LCD monitor, try one of the following solutions.

No memory card

- The memory card is not installed in the correct direction. Install the memory card in the correct direction (p. 18).

Card locked!

- The SD memory card or SDHC memory card's write protect tab is set to "LOCK". Unlock the write protect tab (p. 20).

Cannot record!

- You attempted to shoot an image without the a memory card, or with a memory card installed incorrectly. Install the memory card in the correct direction when shooting (p. 18).

Memory card error (p. 52)

- Contact your Canon Customer Support Help Desk as there may be a problem with the camera.

Touch AF unavailable

- Touch AF cannot be used in your current Shooting mode (p. 156).
- Touch AF cannot be used in Face Self-Timer mode (p. 86).
- Your finger is touching the Shooting mode icon on the screen (p. 56). Take you finger off the screen, then use Touch AF.

Touch AF canceled

- The camera could no longer recognize the subject you selected using Touch AF (p. 86).

Memory card full

- There is not enough free space on the memory card to shoot (pp. 24, 31, 55, 67, 81) or edit images (pp. 127 – 131). Erase the images (pp. 28, 119) to open space for new images, or insert an empty memory card (p. 18).

Change the battery pack. (p. 18)

No Image.

- There are no images recorded on the memory card that can be displayed.

Protected! (p. 117)

Unidentified Image/Incompatible JPEG/Image too large./Cannot play back AVI/RAW

- Unsupported images or data, or corrupted image data cannot be displayed.
- Images manipulated on a computer, that have had their file name changed, or have been taken with a different camera may not display.

Cannot magnify!/Cannot rotate/Cannot modify image/Cannot register this image!/Cannot modify/Cannot assign to category

- Incompatible images cannot be magnified (p. 112), rotated (p. 125), tagged as favorites (p. 113), edited (pp. 127 – 131), registered to the start-up screen (p. 148), categorized (p. 122), or added to a print list (p. 134).
- Images manipulated on a computer, that have had their file name changed, or have been taken with a different camera may not be magnified, rotated, edited, registered to the start-up screen, categorized, or added to a print list.

Downloaded From camera-usermanual.com Canon Manuals

- Movies cannot be magnified (p. 112), edited (pp. 127 – 131), added to a print list (p. 132), or registered to the start-up screen (p. 147).

Cannot select!

- When choosing the selection range (pp. 121, 117, 123, 136), you tried to choose a starting image that was after the last image or you tried to choose an ending image that was before the starting image.
- You tried to choose more than 501 images in the selection range (pp. 121, 117, 123).

Too many marks.

- You chose more than 998 images in print settings. Choose less than 998 images (p. 134).

Cannot complete!

- Print settings could not be saved correctly. Reduce the number of selected images and try again (p. 134).

Naming error!

- The file name could not be created because there is an image with the same name as the folder that the camera is attempting to create, or the highest possible file number has already been reached (p. 138). In the menu, change [File Numbering] to [Auto Reset] (p. 138) or format the memory card (pp. 22, 52).

Communication error

- Images could not be transferred to the computer or printed due to the large amount of images (approx. 1,000) stored on the memory card. Use a commercially available USB card reader to transfer the images. Insert the memory card into the printer's card slot to print.

Lens error, restart camera

- A lens error was detected. Press the ON/OFF button to turn the camera off and back on (p. 20). If this error message continues to appear, contact your Canon Customer Support Help Desk as there may be a problem with the lens.
- This error can occur if you hold the lens while it is in motion or when using it in a location with excessive dust or sand in the air.

Exx (xx: number)

- A camera error was detected. Press the ON/OFF button to turn the camera off and back on (p. 20).
- If an error code appears directly after taking a picture, the shot may not have been recorded. Check image in Playback mode.
- If this error code reappears, note the number and contact your Canon Customer Support Help Desk as there may be a problem with the camera.

Please tilt camera gently!

- The image did not switch because you tilted the camera too strongly. Gently tilt the camera (pp. 27, 28, 33, 111, 112).

Downloaded From camera-usermanual.com Canon Manuals

Functions Available in Each Shooting Mode

Function	Shooting modes	AUTO	P			
Flash (pp. 59, 69, 89)		○	○	○	○	○
		—	○	○	○	○
		*1	○	—	*2	—
		○	○	○	○	○
Exposure Compensation (p. 69)/Exposure Shift (p. 100)		—	○	○	○	○
Focusing Zone (pp. 70, 71)	All Range	○	—	—	—	—
		—	○	○	○	○
		—	○	○	○	—
		—	○	○	○	—
Self-Timer (pp. 63, 64, 78, 79)		○	○	○	○	○
		○	○	○	○	○
		○	○	○	○	○
	*3	○	○	○	○	○
AF Lock (p. 84)		—	○	—	—	—
AE Lock (pp. 88, 100)/FE Lock (p. 88)		—	○	—	—	—
Touch AF (p. 86)		○	○	○	○	○
TV Display (p. 79)		○	○	○	○	○
Information Display (p. 44)	On	○	○	○	○	○
	Off	○	○	○	○	○

FUNC. Menu						
Light Metering (p. 87)		○	○	○	○	○
		—	○	—	—	—
My Colors (p. 77)		—	○	—	—	—
White Balance (p. 75)	AWB	○	○	○	○	○
		—	○	—	—	—
ISO Speed (p. 74)	AUTO	○	○	○	○	○
	80 100 200 400 800 1600	—	○	—	—	—
Drive Mode (p. 76)		○	○	○	○	○
		—	○	○	○	○
Compression Ratio (Image Quality) (p. 72)		○	○	○	○	○
Recording Pixels (p. 72, 99)	L M1 M2 M3 S W	○	○	○	○	○
	1280 640 320	—	—	—	—	—

*1 Set automatically. *2 Not selectable, but turned on whenever flash is used.
*3 Possible settings: 0 – 30 seconds in [Delay], and 1 – 10 shots in [Shots].
*4 FE lock not available.

Downloaded From camera-usermanual.com Canon Manuals

									ISO 3200					
O	O	—	—	—	O	—	O	O	—	—	O	—	—	—
O	O	O	—	O	O	O	O	O	—	—	O	O	—	—
—	*2	*2	—	*2	—	—	—	—	—	—	—	O	—	—
O	O	O	O	O	O	O	O	O	O	O	O	O	—	—
O	O	—	O	—	O	O	O	O	—	O	—	O	O	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
O	O	O	O	O	O	O	O	O	O	—	O	O	O	O
O	—	O	—	O	O	O	O	O	O	O	O	O	O	O
O	—	O	—	O	O	O	O	O	O	—	O	O	O	O
O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
O	O	O	—	O	O	O	O	O	O	O	—	—	—	—
O	O	O	O	O	O	O	O	O	O	O	—	—	—	—
—	—	—	—	O	—	—	—	—	—	O	—	—	O	—
—	—	—	—	—	—	—	—	—	—	O	—	—	*4	—
O	O	O	—	O	O	O	O	O	O	O	O	—	—	—
O	O	O	O	O	O	O	O	O	O	O	O	—	O	O
O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
O	O	—	O	O	O	O	O	O	O	O	—	—	O	—

FUNC. Menu														
O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
—	—	—	—	—	—	—	—	—	—	O	—	—	—	—
—	—	—	—	O	—	—	—	—	—	O	—	O	O	—
O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
—	—	—	—	O	—	—	—	—	—	O	—	O	O	—
O	O	O	O	—	O	O	O	O	*5	O	O	O	O	O
—	—	—	—	O	—	—	—	—		O	—	—	—	—
O	O	O	O	O	O	O	O	O	O	O	O	O	—	—
O	O	O	O	O	O	O	O	O	O	O	O	—	—	—
O	O	O	O	O	O	O	O	O	O	O	O	O	—	—
O	O	O	O	O	O	O	O	O	*6	*7	O	*7	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	O	O

*5 ISO 3200 (p. 58) is set by default. *6 Fixed to M3. *7 W is not selectable.

O Selectable, or set automatically. — Not selectable

Downloaded From camera-usermanual.com Canon Manuals

Shooting Menu

Function	Shooting modes		AUTO	P			
AF Frame (p. 82)	Face AiAF		O	O	O	O	O
	Fixed frame		—	O	O	O	O
AF Frame Size (p. 82)	Normal/Small		—	O	—	—	—
Digital Zoom (p. 60)*4	Standard/Off		O	O	O	O	O
	Digital Tele-converter (1.5x/2.0x)		O	O	O	O	O
AF-Point Zoom (p. 83)	On/Off		O	O	O	O	O
Servo AF (p. 85)	On/Off		*3	O	O	O	O
AF-assist Beam (p. 143)	On/Off		O	O	O	O	O
Flash Settings (pp. 91, 143)	Red-Eye Corr.	On/Off	O	O	O	O	O
	Red-Eye Lamp	On/Off	O	O	O	O	O
i-Contrast (p. 90)	Auto/Off		*5	O	—	—	—
Review (p. 144)	Off/2 – 10 sec./Hold		O	O	O	O	O
Review Info (p. 144)	Off/Detailed/Focus Check		O	O	O	O	O
Blink Detection (p. 91)	On/Off		O	O	O	O	O
Disp. Overlay (p. 145)	Off/Grid Lines		O	O	O	O	O
	3:2 Guide/Both		O	O	O	O	O
IS Mode (p. 145)	Continuous/Off		*5	O	O	O	O
	Shoot Only/Panning		—	O	O	O	O
Date Stamp (p. 62)	Off/Date/Date & Time		O	O	O	O	O
Vert. Shutter (p. 80)	On/Off		O	O	O	O	O

*1 AiAF
*2 AF frame not displayed.
*3 [On] when movement is detected or when using Touch AF.
*4 Unavailable when set to W.
*5 Always [On].
*6 Available when ϟ is chosen.
*7 Always [Continuous].

Downloaded From camera-usermanual.com Canon Manuals

O	O	O	—	O	O	O	O	O	O	O	O	—	*1	*1
O	O	O	*2	O	O	O	O	O	O	O	O	O	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
O	O	O	O	O	O	O	O	O	—	*5	—	—	O	—
O	O	O	O	O	O	O	O	O	—	—	—	—	—	—
O	O	O	—	O	O	O	O	O	O	—	O	—	—	—
O	O	O	—	O	O	O	O	O	O	O	O	—	—	—
O	O	O	—	O	O	*6	O	O	O	O	O	O	O	O
O	O	O	—	O	O	O	O	O	—	—	—	—	—	—
O	O	O	—	O	O	O	O	O	—	—	O	O	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
O	O	O	O	O	O	O	O	O	O	O	O	O	—	—
O	O	O	O	O	O	O	O	O	O	O	O	—	—	—
O	O	O	—	—	O	O	O	O	—	O	O	—	—	—
O	O	O	O	O	O	O	O	O	O	O	O	—	O	O
O	O	O	O	O	O	O	O	O	O	O	O	—	—	—
O	O	—	O	O	O	O	O	O	O	O	O	O	O	O
O	O	*7	O	O	O	O	O	O	O	O	O	O	—	—
O	O	O	O	O	O	O	O	O	—	O	O	—	—	—
O	O	O	O	O	O	O	O	O	O	O	O	—	—	—

O Selectable, or set automatically. — Not selectable

Downloaded From camera-usermanual.com Canon Manuals

Set up Menu

Item	Options/Summary	Ref. Page
Mute	On/Off*	p. 49
Volume	Set all operation sounds (5 levels).	p. 49
Sound Options	Set the sounds for each camera operation.	p. 147
Hints & Tips	On*/Off	p. 138
LCD Brightness	Set within a range of ±2.	p. 50
Start-up Image	Add an image as start-up image.	p. 147
Format	Formats memory card, erasing all data	p. 22, 52
File Numbering	Continuous*/Auto Reset	p. 138
Create Folder	Monthly*/Daily	p. 139
Lens Retract	1 min.*/0 sec.	p. 139
Power Saving	Auto Power Down: On*/Off Display Off: 10, 20 or 30 sec./1*, 2 or 3 min.	pp. 53, 140
Time Zone	Home/World	p. 141
Date/Time	Date and time settings	p. 142
Video System	NTSC/PAL	p. 115
Calibration	Calibrates the touch panel.	p. 142
Language	Choose display language.	p. 21
Reset All	Returns camera to default settings.	p. 51

* Default setting

Downloaded From camera-usermanual.com Canon Manuals

Playback Menu

Item	Options/Summary	Ref. Page
Slideshow	Plays back images automatically.	p. 109
Erase	Erases images.	p. 119
Protect	Protects images.	p. 117
Rotate	Rotates images.	p. 125
Favorites	Tags or untags images as favorites.	p. 124
My Category	Categorizes images.	p. 122
i-Contrast	Corrects dark portions and contrast in still images.	p. 130
Red-Eye Correction	Corrects red eyes in still images.	p. 131
Trimming	Trims portions of still images.	p. 127
Resize	Resizes and saves still images.	p. 126
My Colors	Adjusts colors in still images.	p. 129
Active Display	On*/Off	p. 146
Scroll Display	On*/Off	p. 107
Resume	Last seen*/Last shot	p. 146
Transition	Fade*/Scroll/Slide/Off	p. 113
Set Touch Actions	Register a playback function to a drag pattern.	p. 114

* Default setting

Print Menu

Item	Options/Summary	Ref. Page
Print	Displays printing screen.	p. 29
Select Images & Qty.	Chooses individual images for printing.	p. 135
Select Range	Chooses starting and ending images for printing.	p. 136
Select All Images	Chooses all images for printing.	p. 136
Clear All Selections	Cancels all settings for printing.	p. 136
Print Settings	Sets the printing style.	p. 134

Downloaded From camera-usermanual.com Canon Manuals

Handling Precautions

- This camera is a high-precision electronic device. Do not drop it or subject it to strong impacts.
- Never place the camera close to magnets or motors that generate strong electromagnetic fields. Exposure to strong magnetic fields may cause malfunctions or corrupt image data.
- If water droplets have fallen onto, or dirt is stuck on the camera or LCD monitor, wipe with a dry soft cloth or eyeglass wiper. Do not rub or apply force.
- Never use cleaners containing organic solvents to wipe the camera or LCD monitor.
- Use a commercially available blower brush to remove dust from the lens. For stubborn dirt contact the closest Canon Customer Support Help Desk as listed in your Warranty System Booklet.
- When you move the camera rapidly from cold to hot temperatures, condensation may form on the internal or external surfaces of the camera. To avoid condensation, put the camera in an airtight, resealable plastic bag and let it adjust to temperature changes slowly before removing it from the bag.
- If condensation has formed, stop using the camera immediately. Continued use may damage the camera. Remove the battery and memory card, and wait until the moisture has completely evaporated before resuming use.

Downloaded From camera-usermanual.com Canon Manuals

Specifications

Camera Effective Pixels	Approx. 12.1 million
Image Sensor	1/2.3-inch type CCD (Total number of pixels: Approx. 12.4 million)
Lens	4.3 (W) – 21.5 (T) mm 35mm film equivalent: 24 (W) – 120 (T) mm f/2.8 (W) – f/5.9 (T)
Digital Zoom	Approx. 4.0x (Up to approx. 20x in combination with the optical zoom)
LCD Monitor	3.0-inch type TFT LCD color monitor (Touch panel) Approx. 230,000 dots, Picture coverage 100%
AF Frame Mode	Face AiAF/Fixed frame
Servo AF	On/Off
Focusing Range (from end of lens)	Auto: 5 cm (2.0 in.) – infinity (W)/ 90 cm (3.0 ft.) – infinity (T) Normal: 50 cm (1.6 ft.) – infinity (W)/ 90 cm (3.0 ft.) – infinity (T) Macro: 5 – 50 cm (2.0 in. – 1.6 ft.) (W) Infinity: 3 m (9.8 ft.) – infinity Digital Macro: 5 – 10 cm (2.0 – 3.9 in.) Kids&Pets: 1 m (3.3 ft.) – infinity
Shutter	Mechanical shutter and electronic shutter
Shutter Speed	1 – 1/3000 sec. 15 – 1/3000 sec. (Total shutter speed range)
Image Stabilization	Lens-shift type
Metering System	Evaluative, Center-weighted average or Spot
Exposure Compensation	±2 stops in 1/3-stop increments
ISO speed (Standard Output Sensitivity, Recommended Exposure Index)	Auto/ISO 80/100/200/400/800/1600
White Balance	Auto, Day Light, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom
Built-in Flash	Auto, On, Slow Synchro, Off * Red-eye reduction/Red-eye correction/FE Lock settings available
Built-in Flash Range	50 cm – 3.5 m (1.6 – 11 ft.) (W)/ 90 cm – 1.5 m (3.0 – 4.9 ft.) (T)
Shooting Modes	Shooting Mode: Auto, P, Portrait, Night Snapshot, Kids & Pets, Indoor, Sunset, Creative Light Effect, Fireworks, Long Shutter, Beach, Aquarium, Foliage, Snow, ISO 3200, Digital Macro, Color Accent, Color Swap, Stitch Assist, Movie Movie Mode: Standard, Color Accent, Color Swap
Continuous Shooting	Approx. 0.8 images/sec.
Self-timer	Approx. 10-sec./Approx. 2-sec. delay, FaceSelf-Timer, Custom Timer
i-Contrast	Auto/Off

Downloaded From camera-usermanual.com Canon Manuals

Recording Media	SD memory card, SDHC memory card, MultiMediaCard, MMCplus memory card, HC MMCplus memory card
File Format	Design rule for Camera File system and DPOF compliant
Data Type	Still images: Exif 2.2 (JPEG) Movies: MOV (Image data: H.264, Audio data: Linear PCM) (Mono)
Compression	Fine, Normal
Number of Recording Pixels	
(Still images)	Large: 4000 x 3000 pixels Medium 1: 3264 x 2448 pixels Medium 2: 2592 x 1944 pixels Medium 3: 1600 x 1200 pixels Small: 640 x 480 pixels Widescreen: 4000 x 2248 pixels
(Movies)	1280 x 720 pixels (30 frames/sec.) 640 x 480 pixels (30 frames/sec.) 320 x 240 pixels (30 frames/sec.)
Number of Possible Shots	Approx. 240 images (Based on CIPA standardized measurement)
Audio	Quantization: 16 bit Sampling Rate: 44.100 kHz
Playback Function	Single Image, Movie, Magnified Focus, Index, Magnified, Filtered Playback, Slideshow, Active Display, Scroll Display, Favorites, Touch Actions
Editing Function	Erase, Protect, My Category, Resize, My Colors, i-Contrast, Trimming, Rotate, Red-Eye Correction
Direct Print Type	PictBridge capable
Interface	Hi-Speed USB (Dedicated connector with unified type of digital, audio and video*) HDMI (HDMI Mini Connector) * mini-B compatible Video/Audio output (NTSC and PAL capable, mono audio)
Communication Settings	MTP, PTP
Power	Battery Pack NB-6L (rechargeable lithium-ion battery) AC adapter kit ACK-DC40
Operating Temperatures	0 – 40 °C (32 – 104 °F)
Operating Humidity	10 – 90%
Dimensions (excluding protrusions)	99.9 x 53.4 x 22.9 mm (3.93 x 2.10 x 0.90 in.)
Weight (camera body only)	Approx. 130 g (4.59 oz.)

Downloaded From camera-usermanual.com Canon Manuals

Battery Pack NB-6L

Type	Rechargeable lithium-ion battery
Voltage	3.7 V DC
Capacity	1000 mAh
Charging cycles	Approx. 300 times
Operating temperature	0 – 40 °C (32 – 104 °F)
Dimensions	34.4 x 41.8 x 6.9 mm (1.35 x 1.65 x 0.27 in.)
Weight	Approx. 21 g (0.74 oz.)

Battery Charger CB-2LY/CB-2LYE

Rated input	100 – 240 V AC (50/60 Hz), 0.085 A (100 V) – 0.05 A (240 V)
Rated output	4.2 V DC, 0.7 A
Charge time	Approx. 1 hour 55 min.
Operating temperature	0 – 40 °C (32 – 104 °F)
Dimensions	58.6 x 86.4 x 24.1 mm (2.31 × 3.40 × 0.95 in.)
Weight	Approx. 70 g (2.47 oz.) (CB-2LY) Approx. 61 g (2.15 oz.) (CB-2LYE) (excluding power cord)

- All data is based on tests by Canon.
- Camera specifications or appearance are subject to change without notice.

Downloaded From camera-usermanual.com Canon Manuals

Index

Numerics

3:2 Guide 145

A

AC Adapter Kit 40, 150
Accessories 38
AE Lock 88, 100
AF → Focus
AF Frame 25
AF Lock 84
Aquarium (Scene Mode) 58
AV Cable 2, 115

B

Battery
  Battery Charger 2, 16, 40
  Charge Indicator 17
  Date/Time Battery 21
  Power Saving 53, 140
  Recharge 16
Battery Charger 16
Beach (Scene Mode) 57
Black and White Images 77

C

Calibrating the Touch Panel 142
Camera Shake 25, 59, 145
Clock Function 54
Color Accent (Scene Mode) 93, 98
Color Swap (Scene Mode) 94, 98
Components Guide 42
Compression → Image Quality
Continuous Shooting 76
Control Dial 8, 43

D

Date and Time
  Adding to Image 62
  Changing 20
  Date/Time Battery 21
  Settings 20
  World Clock 141
Date/Time → Date and Time
Default Settings 51
Deleting → Erasing Images
DIGITAL CAMERA Solution Disk 2, 34
Digital Macro 71
Digital Tele-Converter 61
Digital Zoom 60
Display Language 21
Display Overlay 145
Double Tap 14
DPOF 132, 134
Drag 14

E

Editing
  i-Contrast 130
  My Colors 129
  Red-Eye Correction 131
  Resizing (Making Images Smaller) 126
  Trimming 127
Enlarged Display 112
Equipment
  Default Settings 51
  Holding the Camera 13
Erasing All Images 119
Erasing Images 28, 119
Error Messages 154
Estimated Shooting Times 32, 99
Exposure
  AE Lock 88, 100
  Correction 69
  Exposure Shift 100
  FE Lock 88

F

Face AiAF 82
Face Selection 86
Face Self-Timer 64
Factory Settings → Default Settings
FE Lock 88
File Number 138
Filtered Playback 108
Fireworks (Scene Mode) 57
Flash
  Off 59
  On 69

Downloaded From camera-usermanual.com Canon Manuals

Slow Synchro 89
Focus
AF Frame 25
AF Frame Mode 82
AF Lock 84
AF-Point Zoom 83
Face Selection 86
Focus Lock 80
Servo AF 85
Focus Check 111
Focus Lock 80
Foliage (Scene Mode) 58
Format → Memory Cards, Formatting
Formatting (Memory Card) 22, 52
FUNC. Menu
Basic Operations 47
List 156

G

Grid Lines 145

H

High Speed (ISO) 58, 74
Histogram 46
Household Power 150

I

i-Contrast 90, 130
Image Quality (Compression Ratio) 72
Images
Editing → Editing
Erasing Images 28, 119
Playback → Viewing
Protect 117
Indoor (Scene Mode) 57
Infinity 71
Interface Cable 2, 29, 34
ISO 3200 (Scene Mode) 58
ISO Speed 74

K

Kids&Pets (Scene Mode) 57

L

Lamp 42, 63, 143
LCD monitor → Screen

M

Macro 70
Memory Cards 18, 19
Available Shots 19
Estimated Shooting Times 32, 99
Formatting 22, 52
Menu
Basic Operations 48
List 158
Metering Mode 87
MMCplus/HC MMCplus Memory Card 19
Mode Switch 42
Movies
Editing 103
Image Quality (Frame Rate) 99
Mode 98
Recording Pixels 99
Shooting Time 32, 99
Viewing (Playback) 33, 102
MultiMediaCard → Memory Cards
Mute 49
My Category 122
My Colors 77, 129

N

Night Snapshot (Scene Mode) 57
Number of Shots 17, 73

O

ON/OFF Button 43

P

Panoramic Photos 96
Personal Printing Guide 2
PictBridge 29
Playback → Viewing
Playback Button 27, 43, 146
Playback With Transition Effects 113
Portrait (Scene Mode) 56
Postcard Size 73
Power → Battery

Downloaded From camera-usermanual.com Canon Manuals

Power Saving 53, 140
Print List (DPOF) 132
Print Settings (DPOF) 132
Printer 29, 39
Printing 29
Program AE 68
Protect 117

R

Recording Pixels (Image Size) 72
Red-Eye
  Auto Correction 91
  Correction 131
  Reduction 143
Resizing (Making Images Smaller) 126
Rotating Images 125

S

SCN (Scene Mode) 56
Screen
  Display Language 21
  Information Displayed 44
  Menu Operations 47, 48
  Switching the Display 44, 45
SD/SDHC Memory Card 19
Self-Timer
  10 second Self-Timer 63
  Changing Delay and Number of Shots 79
  Face Self-Timer 64
  Two Second Self-Timer 78
Sepia Tones 77
Servo AF 85
Shooting Date and Time → Date and Time
Shooting Using a TV 79
Shutter Button 23
Slideshow 109
Slow Synchro → Flash
Snow (Scene Mode) 58
Software
  DIGITAL CAMERA Solution Disk 2, 34
  Software Guide 2
  Transferring Images to a Computer 34
Sound Settings
  Mute 49
Stitch Assist (Scene Mode) 96
Strap 2, 13, 15
Sunset (Scene Mode) 57

T

Terminal 29, 36, 115, 116
Time Zone 141
Toggle 15
Tone (White Balance) 75
Touch AF 25, 86
Touch Panel 14, 43
Transferring Images to a Computer 34
Travel Abroad 17, 141
Trimming 127
Troubleshooting 151
TV
  Shooting Using a TV Monitor 79
  Viewing Images on a TV 115, 116

V

Video → Movies
Viewing (Playback)
  Enlarged Display 112
  Images on a TV 115, 116
  Index Display 106
  Scroll Display 107
  Single Image Playback 27
  Slideshow 109
Viewing Images on a TV 115, 116

W

White Balance 75
Wide (Recording Pixels) 72, 73
World Clock 141
Wrist Strap → Strap

Z

Zoom 24, 31, 60, 71

Downloaded From camera-usermanual.com Canon Manuals

Trademark Acknowledgments

- The SDHC logo is a trademark.
- HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

Disclaimer

- Reprinting, transmitting, or storing in a retrieval system any part of this guide without the permission of Canon is prohibited.
- Canon reserves the right to change the contents of this guide at any time without prior notice.
- Illustrations and screenshots in this guide may differ slightly from the actual equipment.
- Every effort has been made to ensure that the information contained in this guide is accurate and complete. However, if you notice any errors or omissions, please contact the Canon customer service center indicated on the customer support list included with the product.
- The above items notwithstanding, Canon accepts no liability for damages due to mistaken operation of the products.

Downloaded From camera-usermanual.com Canon Manuals

© CANON INC. 2009